

63.01
Canada
1923

27th ANNUAL

McKENZIE SEEDS



BRANDON - MOOSE JAW
SASKATOON - CALGARY

1923

BEAUTIFUL LAWNS

A smooth, green lawn improves the appearance of any dwelling and helps to make a real home. A lawn around a country house is just as essential to beauty as to a home in a City or Village. While you get no actual return as from your vegetable garden you are repaid by constant pleasure and delight in the attractiveness of the surroundings.



**HAVE A LAWN LIKE
THE ONE YOU HAVE
ALWAYS ADMIRER**



Quantity of Seed to Sow

To secure best results it has been found that Lawn Seed should be sown at the rate of

1 lb. to 300 Sq. feet.
125 to 140 lbs. per acre.

You cannot expect a thick growth from a skimpy sowing.

Lawn Seed

1530—McKenzie's Emerald Green

This mixture is the result of years of careful testing under actual growing conditions in Western Canada. Results may be seen in the lawns and boulevards in every Western City, Village and in rural places.

Produces a luxuriant, rich, green Lawn. Will remain green from early spring till late fall. Forms a thick turf the first season and will last for years.

1 lb. 70c. 5 lbs. \$3.35 Postpaid.
10 lbs. or more 55c. per lb. 50 lbs. or more 50c. per lb.
At Purchaser's expense.

1540—McKenzie's Sporting Ground Mixture

A carefully selected mixture for football grounds, farm yards, school grounds, etc., where the area will have hard usage. Grows quickly and will last. Well adapted for its special use.

1 lb. 50c. 5 lbs. \$2.35 Postpaid.
10 lbs. or more 38c. per lb. 50 lbs. or more 35c. per lb.
At Purchaser's expense.

SEED FOR GOLF LINKS

We are able to offer to Golf Clubs and those interested in Golf, valuable information in regard to laying out courses and seeding them down. A special booklet is, at your request, mailed gladly.

A course properly seeded will last for years—specify McKenzie Seed.

1535—McKenzie's Western Parks

A reliable mixture of fine growing grasses specially prepared for larger and exposed lawns. Will produce a satisfactory and attractive green. Is the best mixture ever offered at the price.

1 lb. 60c. 5 lbs. \$2.90 Postpaid.
10 lbs. or more 45c. per lb. 50 lbs. or more 40c. per lb.
At Purchaser's expense.

3249—Kentucky Blue Grass

Does not give as quick results as our well balanced mixtures: will take two years to reach its best but makes a fine, dark green lawn. In the case of mixtures results are obtained the first year. Our seed is re-cleaned and choice.

1 lb. 70c. 5 lbs. \$3.40 Postpaid.
Larger quantities see colored price sheets, Pages 49 to 56.

3261—White Dutch Clover

To those who desire it we can supply White Dutch Clover. It fertilizes and enriches the soil, as all clovers do, so is especially valuable when sown with other grasses.

Our White Dutch is of the highest quality—no other should be used.
1 lb. \$1.10 5 lbs. \$5.20 Postpaid.

Larger quantities see colored price sheets, Pages 49 to 56.

ORDER FORM for VEGETABLE and FLOWERS SEEDS

A. E. McKenzie Co. Ltd

BRANDON, MAN.

WE DO NOT
SHIP C.O.D.

For office use only

Postage

MOOSE JAW, SASK.

SASKATOON, SASK.

CALGARY, ALTA.

NAME

Mr. Mrs. or Miss

P.O.

PROV.

Railway
Station

If no Agent include prepay charges

Is there a
Railway
Agent here?

Yes or No.

Forwarded by { State here whether wanted
by Mail, or Express
otherwise we use our discretion, }

While we (A. E. McKenzie Co. Ltd.) exercise care to have all seeds pure and true to name, we do not give, and our employees and agents are forbidden to give, any warranty, expressed or implied, as to purity, description, quality, productiveness or any other matter of any seeds we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, we are to be at once advised and money paid for same, including freight, will be promptly refunded.

PLEASE

DO NOT

WRITE

HERE

MAIL

EXPRESS

No of
Packets

No of
Packages

Date
Sent

Put up by

Checked by

Leave Blank
Stock Ref.
Check

Pounds

Ounces

Packets

Number in
Catalog

NAME OF SEEDS, ETC. WANTED

Price
Rate

Extension
\$ of Cost c.

CONTINUE ORDER
ON BACK OF SHEET

Amount Carried Forward

Every order for 10 lbs. or more requires Bags, and the price must be included.

No.

Do not overlook including Bags where needed.
Be sure to give your Name and Address, and keep a copy of your order.

Extra order forms mailed upon request.

CALGARY

SASKATON

MOOSE JAW

BRANDON

A. E. MCKENZIE CO., LTD.

COLLECTIONS

B

A real big value Collection at a popular price. If your space is limited or you only want the staple vegetables, probably this Collection will suit. The best varieties of each vegetable are included and for the amount expended you will get big returns.

¼ lb. Beans	1 Pkt. Lettuce
1 Pkt. Beet	1 Pkt. Onion
1 Pkt. Carrot	¼ lb. Peas
¼ lb. Sweet Corn	1 Pkt. Radish
1 Pkt. Cucumber	1 Pkt. Sweet Peas

*Cost if
ordered*

\$1.00

Postpaid

*Separately
\$1.20*

E

Vegetables only except for Sweet Peas—the universal flower. This Collection will make a very complete garden. If you devote space and time to an extra large garden order two of them.

½ lb. Beans	1 Pkt. Onions Pickling
1 Oz. Beet	½ lb. Peas
1 Pkt. Cabbage, Early	1 Pkt. Parsley
1 Oz. Carrot	1 Pkt. Parsnip
1 Pkt. Cauliflower	1 Oz. Radish, Turnip shaped
1 Pkt. Citron	1 Pkt. Radish, long
½ lb. Sweet Corn	1 Pkt. Tomato
1 Pkt. Corn	1 Oz. Turnip, Garden
1 Pkt. Cucumber	1 Pkt. Vegetable Marrow
1 Pkt. Cucumber Pickling	1 Pkt. Summer Savory
1 Pkt. Lettuce, Head	1 Pkt. Mangel
1 Pkt. Lettuce, Leaf	1 Oz. Sweet Peas
1 Oz. Onions	
1 Pkt. Onions	
1 Pkt. Turnip, Field	

*Cost if
ordered*

\$3.70

Postpaid

*Separately
\$4.35*

D

This is more complete than Collection "C" and the quantities are also a little larger. It will make a garden you will be proud of.

½ lb. Beans	1 Pkt. Lettuce, Leaf
1 Oz. Beet	1 Oz. Onions
1 Pkt. Cabbage	1 Pkt. Onions
1 Pkt. Carrot	1 Pkt. Parsnip
1 Pkt. Citron	½ lb. Peas
½ lb. Corn	1 Oz. Radish
1 Pkt. Corn	1 Pkt. Tomato
1 Pkt. Cucumber	1 Pkt. Vegetable
1 Pkt. Cucumber, Pickling	1 Pkt. Vegetable Marrow
1 Pkt. Lettuce, Head	1 Pkt. Turnip, Swede
	1 Pkt. Sweet Peas

*Cost if
ordered*

\$2.50

Postpaid

*Separately
\$3.05*

A

Special Assortment SPENCER SWEET PEAS

Beautiful, fragrant Sweet Peas, in all varieties of glowing tints, from pure white to deep purple—a charming addition to any flower bed or garden. This Collection contains named Spencer varieties in separate colors—not mixtures, allowing you to arrange any color combination you desire. We recommend this Collection as one of the most successful and popular in the list. "Sweet Peas and their Culture"—a special leaflet enclosed with each order.

YOU will often find these special assortments just the selection of fine garden seeds which you want. They include most popular vegetables which grow best in Western Canada.

Ordering is thus made easy and there is a decided price advantage. Being packed in advance of the season, no change can be made in any assortment.

We aim to co-operate with general merchants and make it easy for the seed-buying public to purchase McKenzie tested Seeds. To accomplish this, McKenzie Packet Seeds are on sale in practically every general store in Western Canada. If your local merchant does not handle McKenzie Seeds please write us direct.

Most merchants stock McKenzie Bulk Seeds or will take orders for Bulk as well as for the above Collections.

C

This well balanced Collection is extremely popular for small gardens as it includes practically all the staple vegetables.

½ lb. Beans	1 Pkt. Cucumber
1 Pkt. Beet	1 Pkt. Lettuce Head
1 Pkt. Cabbage	1 Pkt. Lettuce Leaf
1 Pkt. Carrot	1 Pkt. Radish
1 Pkt. Citron	1 Pkt. Tomato
½ lb. Corn	1 Pkt. Turnip
½ lb. Peas	1 Pkt. Veg. Marrow
1 Pkt. Parsnip	1 Pkt. Sweet Peas
	1 Pkt. Onions, Pickling

*Cost if
ordered*

\$1.65

Postpaid

*Separately
\$2.00*



The most profitable part of any home property—whether it be town lot or farm, is that devoted to the garden. Here, from a limited space, with a few hours' labor and a few pennies spent for seed, you can get a whole year's living for the entire family. Let the seed you select be the best, for a poor crop means poor living. McKenzie Quality Seeds are selected especially for this section. They are the best you can get.

RICH IN
FOOD VALUE

BEANS

PROLIFIC
IN YIELD

GROW BEANS! Every vegetable garden should include several varieties of Beans not only for their great year-round food value, but for the wide range of their deliciousness as well. A few rows will yield sufficient for use in summer and any surplus may be canned or dried for winter use.

The varieties offered are suited to the soil and climatic conditions of this western country. The seasons being short, earliness is a prime requisite.

Don't seed too early! May 15th is early enough. In order to have Beans all summer make two or three sowings about 10 days apart.

Early varieties require 45 to 60 days to mature. Other varieties require 65 to 75 days to mature.

25—McKenzie's Improved Golden Wax

(Illustrated above)

A most popular variety for the West.

Pkt. 10c. ½ lb. 35c. 1 lb. 60c. Postpaid

One of the earliest and best Dwarf Wax Podded varieties in cultivation. Of erect and compact growing habit, it can be planted closer, and is more easily cultivated than varieties that are of a more straggly habit.

The pods, which grow nearly straight, are broad, flat, pale yellow in colour, very brittle, stringless and fleshy. The average length of pod is 5 to 6 inches, but under favorable conditions they will form pods as long as 8 inches. The cooking qualities are the finest, and it is also an excellent canning variety.

Plants should be 4 to 6 inches apart and rows two feet apart.

29—Golden Eye Wax

Very hardy and almost rust proof.

Pkt. 10c. ½ lb. 35c. 1 lb. 60c. Postpaid.

On account of its earliness it is specially adapted to this country. It is a prolific yielder. The pods are large, of a beautiful yellow color, flat shaped and very straight in appearance. The dried beans are white with a yellow eye. Should be kept well picked as the young beans are of exceptionally good flavor. This variety we highly recommend. As a shell bean for winter use, this is a very desirable variety for they are deliciously rich when baked.

26—Dwarf Black Wax

Early and very productive.

Pkt. 10c. ½ lb. 35c. 1 lb. 60c. Postpaid.

We believe this to be the very finest of the black seeded Dwarf Wax varieties. The plants are strong growing, and should be given rather more space than the Golden Wax. Matures a few days later than the Golden Wax, but a slightly heavier cropper. Should be sown at the same time for succession.

One of the best varieties for market gardeners. The pods are long, averaging 6 inches, straight, round and fleshy; color, bright golden (it is only the seed that is of dark color); perfectly stringless.

Unusually hardy and will generally succeed where others have proved disappointing.

28—Wardwell's Kidney Wax

Becoming better known and appreciated.

Pkt. 10c. ½ lb. 40c. 1 lb. 70c. Postpaid.

Of strong growing habit, should be planted half as wide again in the rows as Golden Wax. Plants about 12 to 15 inches in height.

A little later than Golden Wax but a heavier cropper. The pods, which average 6 to 7 inches long, are straight, broad and a creamy white in color. A very handsome pod and popular with market gardeners on account of being a good shipper. The quality leaves nothing to be desired and will remain in condition longer than most varieties. A valuable commercial variety.

BEANS

GREEN PODDED VARIETIES

Dwarf or Bush

48—McKenzie's Matchless Green Pod

(Illustrated on Page 2)

Pkt. 10c. $\frac{1}{2}$ lb. 35c. 1 lb. 60c. Postpaid.

This old, well-known variety still retains pride of place as the finest dwarf green pod bean in cultivation.

The plant is unusually hardy, extremely early, and wonderfully productive. Adapts itself to both early and late sowing; successional sowings at intervals of from 7 to 10 days will ensure a supply of prime quality pods from early Summer till Fall.

The bushes are densely packed with clusters of green pods, well rounded, saddle-backed, very meaty, tender and brittle, with a notable absence of stringiness even when the pods are fully developed. Very delicate rich flavor.

49—Red Valentine

Early, hardy and productive

Pkt. 10c. $\frac{1}{2}$ lb. 30c. 1 lb. 55c. Postpaid.

The plant grows about 15 to 18 inches high, of compact habit, can be sown rather closer in the rows than other varieties.

Pods usually 4 inches long, curved, cylindrical, with crease in back, very fleshy, crisp and tender. Very early, pods are usually ready to pick 45 days after germinating, exceptionally hardy, and well adapted to Western conditions.

The green podded varieties of Beans are coming into more general use. This variety is extensively grown by market gardeners, which is a fair criterion of its value.

SHELL BEANS for Winter Use

The varieties we offer are early and can usually be relied upon to ripen before frost. They are easily grown and if matured and shelled for winter use a considerable saving will be effected.

The local markets should absorb a considerable quantity of these as every merchant handles many hundreds of pounds in a year.

72—McKenzie's Famous Marrowfat

Pkt. 10c. $\frac{1}{2}$ lb. 25c. 1 lb. 40c. Postpaid

Produces a good sized oval white bean. They are unsurpassed for cooking.

73—Boston Early Navy

Pkt. 10c. $\frac{1}{2}$ lb. 20c. 1 lb. 30c. Postpaid.

This is the ordinary small white bean. An excellent variety and a very prolific yielder. Splendid for baking.

Climbing or Pole

94—Scarlet Runner

Very ornamental, bright scarlet flowers.

Pkt. 10c. $\frac{1}{2}$ lb. 40c. 1 lb. 75c. Postpaid

Splendid for covering trellis work, shading verandahs or a screen for obscuring anything unsightly in the garden. The bright scarlet butterfly-like flowers give a charming effect and combined with the heart-shaped, deep green leaves make this a very desirable ornamental climber.

It is also valuable from a culinary standpoint, producing fine broad, flat, deep green pods averaging 7 and 8 inches long of excellent cooking quality. Retain their freshness late in the fall when other varieties are not obtainable.

Scarlet Runners do well in this climate.

Broad Beans

Broad Beans are rapidly coming into more popular favor in Western Canada. They are an excellent vegetable and easily grown. The beans only are used, not the pods as in the wax and greenpod beans. They produce very large pods. Can be planted fairly early as they will stand some frost.

Broad Beans when cooked with Sweet Corn, cut from the cob, make a most delightful and nutritious dish.

95—English Broad Windsor

The largest broad bean

Pkt. 10c. $\frac{1}{2}$ lb. 35c. 1 lb. 65c. Postpaid

The heaviest cropping broad bean in cultivation. Bears immense, long, well filled pods of excellent cooking quality. Delicious, either cooked fresh or as a winter shell bean

96—Seville Long Pod

Early and of fair size.

Pkt 10c. $\frac{1}{2}$ lb. 35c. 1 lb. 65c. Postpaid

A week earlier than the Windsor varieties. Bears fine long pods of excellent quality but not quite as large as the Broad Windsor.

The best seeds are the cheapest to buy, for the better the seed—the better the crop. McKenzie Quality Seeds are selected from those strains and varieties which produce best in this section.



RED VALENTINE



SEVILLE LONG POD



MCKENZIE'S
MARROWFAT

Make your Garden your Hobby.

TABLE
VARIETIES

BEET

Every garden should provide a generous sowing of this excellent vegetable, which thrives so well in the west. It is always welcome on the table and owing to the many ways it can be cooked or pickled it is available all the year round.

Beets should be pulled while quite small, as they are more tender and have a better flavor. If left in the ground they grow too large and have a tendency to become coarse and woody. The tops make excellent greens.

122—McKenzie's Extra Early

A deservedly popular variety.

Pkt. 10c. Oz. 20c. 2 Oz. 35c. $\frac{1}{4}$ lb. 60c. $\frac{1}{2}$ lb. \$1.00
Postpaid.

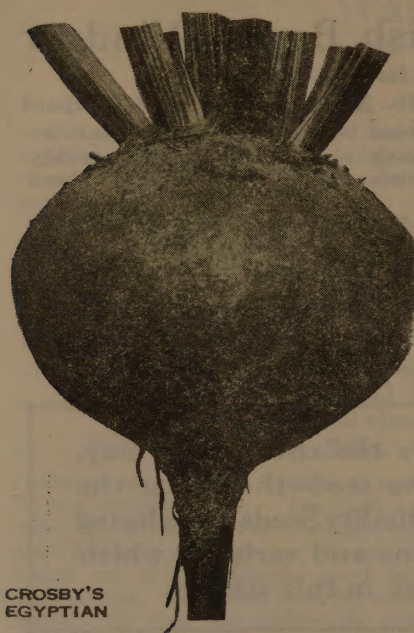
This is one of the very best globe shaped Beets in cultivation. Its distinguishing feature is its exceptional earliness. The tops are very small, enabling it to be grown more closely than most other varieties. The roots are a flattened globe shape, skin beautiful dark red, flesh a trifle lighter in color and slightly zoned. Useful alike for home use or for marketing. One of the best for pickling.

123—Early Blood
Turnip

A Dependable Cropper

Pkt. 10c. Oz. 15c. 2 Oz. 25c.
 $\frac{1}{4}$ lb. 45c. $\frac{1}{2}$ lb. 80c. Postpaid.

A fine strain, of excellent flavor and tissue. Average 3 to 3 $\frac{1}{2}$ inches in diameter of remarkably smooth surface. It has a very small tap root and flesh is tinged with dark crimson, entirely free of any stringy or woody character. Round beets are of the greatest value on account of earliness and have superseded the old fashioned flat types to a considerable extent. McKenzie's strain of this popular variety is in great demand.



CROSBY'S
EGYPTIAN

126—
Crosby's
Egyptian

An excellent variety for
succession

Pkt. 10c. Oz. 20c.
2 Oz. 35c. $\frac{1}{4}$ lb. 55c.
 $\frac{1}{2}$ lb. 90c. Postpaid.

In shape this variety comes midway between Extra Early Flat Egyptian and Eclipse, being more globe shaped than the former, but not so globular as the latter. The tops are small, flesh very dark red. May be sown early or late and will develop very quickly. Useful for succession.

Young Beets make good Pickles.



EARLY BLOOD TURNIP BEET

128—Extra Early Flat Egyptian

One of the earliest Beets in cultivation

Pkt. 10c. Oz. 20c. 2 Oz. 35c. $\frac{1}{4}$ lb. 55c.
 $\frac{1}{2}$ lb. 90c. Postpaid.

This beet is small, but its exceptional earliness entitles it to a place in every garden. The beets are rounded on the top, but the base is flat; dark red in color, the flesh being a dark purplish red, zoned a lighter shade. The tops are small. Excellent table quality.

139—Detroit Dark Red

Well adapted for canning.

Pkt. 10c. Oz. 20c. 2 Oz. 35c.
 $\frac{1}{4}$ lb. 55c. $\frac{1}{2}$ lb. 90c. Postpaid.

This is a very useful and distinct variety. The tops are small and the leaves dark green, shaded red. The habit is upright, making close planting possible. The Beet is medium sized of beautiful globe shape; the skin and flesh are dark red; the quality is excellent.

127—Early Eclipse

Well adapted for using early.

Pkt. 10c. Oz. 15c. 2 Oz. 25c.
 $\frac{1}{4}$ lb. 45c. $\frac{1}{2}$ lb. 80c. Postpaid.

This Beet is globular in shape, medium sized; the skin and flesh a deep bright red; the flesh being zoned pinkish white. A very rapid grower and particularly well adapted for using early.

129—Long Smooth Blood

One of the Best for Winter Use.

Pkt. 10c. Oz. 15c. 2 Oz. 25c. $\frac{1}{4}$ lb. 45c.
 $\frac{1}{2}$ lb. 80c. Postpaid.

Long shaped roots, growing well out of the ground, easily harvested. Will produce a much heavier crop per acre than the turnip-shaped varieties; does not mature so early and is better adapted for Winter use. When lifted carefully so as not to bruise the roots, they will keep in perfect condition if stored in a cool dry cellar free from frost. The flesh is of a deep purplish red of excellent quality.

140—Swiss Chard or Spinach Beet

Pkt. 10c. Oz. 25c. 2 Oz. 45c. $\frac{1}{4}$ lb. 70c.
 $\frac{1}{2}$ lb. \$1.25. Postpaid.

The leaves make excellent greens even in the hottest weather. Is very easily grown and always ready for use. Several cuttings can be produced from the same plant the same season. Grows about 2 feet high.

If you like greens you should have a couple of rows of this in your garden. Can be easily canned for use during the winter. Keeps its delicious flavor.

Young Beets make good Pickles.



CARROT

TABLE VARIETIES

307—McKenzie's Garden Gem

The finest Carrot for the West.

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. $\frac{1}{2}$ lb. \$1.35 Postpaid.

It is seldom over 3 inches in diameter at the top and gradually tapers to a stump root. Usually about 6 inches long. Flesh is very tender, juicy and sweet and practically no core. Color is deep orange. This is a splendid keeper. Has no tendency to split and is surprisingly free of tap roots.

309—Half Long Scarlet Nantes

The earliest of the half long varieties.

Pkt. 10c. Oz. 20c. $\frac{1}{4}$ lb. 65c. $\frac{1}{2}$ lb. \$1.20 Postpaid.

This is one of the finest flavored Carrots grown. Requires a deep well-worked soil to produce the best crop. In shape almost perfectly cylindrical with a small tap root. Color is deep orange and it is almost coreless. Gardeners pronounce this a most profitable variety to grow.

314—French Forcing

The earliest Carrot grown.

Pkt. 10c. Oz. 20c. $\frac{1}{4}$ lb. 65c. $\frac{1}{2}$ lb. \$1.20 Postpaid.

This Carrot is almost round, about $2\frac{1}{2}$ inches in diameter: dark orange red in color. Its chief virtue lies in its earliness. being specially adapted for forcing; a small cropper and not recommended except for early use.

315—St. Valery

A good Carrot for general crop.

Pkt. 10c. Oz. 20c. $\frac{1}{4}$ lb. 65c. $\frac{1}{2}$ lb. \$1.20 Postpaid.

Usually about 3 inches in diameter and grows 10 to 12 inches long. Smooth skin, bright red color, small top and excellent quality. This is a splendid keeper: makes a remarkably fine table carrot in spite of its size. A big yielder.

Celery is a most valuable crop, although it requires more attention than others. Quantities are imported into the Prairie Provinces at high prices. This should be grown locally, by both market and home gardeners.

370—White Plume

A valuable early variety.

Pkt. 10c. $\frac{1}{2}$ Oz. 45c. Oz. 75c. $\frac{1}{4}$ lb. \$2.00 Postpaid.

This is a distinct and popular variety and is readily distinguished by the silvery whiteness of the inner leaves, stalks and heart. It is remarkably early and blanches easily. One of the best of the early varieties for both home and market use.

406—Soup Celery

This seed is sold for flavoring only and is not suitable for sowing.

Oz. 25c. $\frac{1}{4}$ lb. 75c. Postpaid.

396-Celeriac

Large Smooth Prague

Pkt. 10c. $\frac{1}{2}$ Oz. 35c. Oz. 60c. $\frac{1}{4}$ lb. \$1.75 Postpaid.

It is cultivated for the root instead of the stalks.

This variety grows a large smooth almost spherical root. It is much appreciated for flavoring soups, salads, etc. It keeps well.



311—Half Long Danvers

A popular half-long variety.

Pkt. 10c. Oz. 20c. $\frac{1}{4}$ lb. 65c. $\frac{1}{2}$ lb. \$1.20 Postpaid

This variety is largely grown by market gardeners. It does not grow so thick at the shoulder as Garden Gem but forms a longer root. Flesh is fine grained, deep orange color and it makes an extra good variety for the table. Can be grown a little closer in the rows than some other Carrots, so a big yield can be obtained.

310—Chantenay

A splendid variety for home use.

Pkt. 10c. Oz. 20c. $\frac{1}{4}$ lb. 65c. $\frac{1}{2}$ lb. \$1.20 Postpaid.

A quick growing variety and yields heavy. Is of fine flavor, even when very small, so can be used throughout a long season. A half-long stump-rooted type about 5 inches long. Smooth skin, deep orange red color. Very fine.

308—Oxheart or Guerande

Grows quickly to a large size.

Pkt. 10c. Oz. 20c. $\frac{1}{4}$ lb. 65c. $\frac{1}{2}$ lb. \$1.20 Postpaid.

This is quite a distinct variety and is a great favorite. Does best in a shallow light soil. Not usually over 4 or 5 inches long and almost as broad. Usually ends in an abrupt small tap root. Color is a light orange, tops are small. Quality is good and especially so when grown quickly.

The yield of this carrot is surprisingly large. Easily harvested and a good keeper.

CELERY

368—McKenzie's Brandon Prize

One of the best for Western conditions.

Pkt. 10c. $\frac{1}{2}$ oz. 50c. Oz. 85c. $\frac{1}{4}$ lb. \$2.25 Postpaid.

One of the earliest varieties in cultivation. The leaves are a bright green, stalks are easily blanched to a beautiful silvery white. Grows very rapidly and is a popular variety especially for immediate use in early fall.

369—Giant Pascal

A popular winter variety.

Pkt. 10c. $\frac{1}{2}$ Oz. 45c. Oz. 75c. $\frac{1}{4}$ lb. \$2.00 Postpaid.

A good main crop variety producing a great weight per acre. Of compact habit and vigorous growth, permitting of close planting. Keeps well for winter use. Stalks are thick and broad and blanches readily to a beautiful yellowish-white when earthed up. Leaves a deep green.

371—Golden Self-blanching

The finest appearing variety on the market.

Pkt. 25c. $\frac{1}{4}$ Oz. 50c. $\frac{1}{2}$ Oz. 90c. Oz. \$1.50 Postpaid.

Stalks are thick, broad and crisp and entirely free from stringiness. The plants are compact and stocky and most easily blanched to a beautiful clear golden yellow. Foliage is yellowish-green. This is in every way a most desirable variety.

Freights are less buying from McKenzie's.



EARLY
JERSEY
WAKEFIELD

GLORY OF
ENKHUIZEN

CABBAGE

EXTRA EARLY VARIETIES

175—McKenzie's Northern Favorite

A splendid early Cabbage.

Pkt. 10c. Oz. 75c. $\frac{1}{4}$ lb. \$2.25 Postpaid.

This now well known cabbage still retains its popularity. For a pointed early variety it grows an exceptionally hard head which keeps well. It begins to head very early so that fine cabbage are obtainable before it has reached full maturity.

In appearance it is very attractive. Leaves are dark green and it is of delicious flavor. Useful alike either for home or market use.

177—Early Jersey Wakefield

Illustrated above

One of the most popular varieties.

Pkt. 10c. Oz. 70c. $\frac{1}{4}$ lb. \$2.00 Postpaid.

Possibly the earliest cabbage grown. A heavy cropper for such an early variety and the heads are exceptionally solid. Keeps well and is also a good shipper.

The heads are pointed, the outer leaves are thick and heavy. This latter feature is a very valuable one, as it enables the plants to withstand adverse weather conditions. This doubtless accounts for its wonderful popularity; for early use it is more extensively grown than any other.

182—Early Winnigstadt

One of the best earlies in cultivation.

Pkt. 10c. Oz. 70c. $\frac{1}{4}$ lb. \$2.00 Postpaid.

A distinct type of cone-shaped early cabbage, having a peculiar twist at the point. Comes into use between Early Jersey and Charleston Wakefield. Forms a very hard head and not inclined to burst, so keeps well for winter use. The flavor is extra fine, makes a good cabbage for salad or for kraut.

178—Charleston Wakefield

Splendid for general crop.

Pkt. 10c. Oz. 70c. $\frac{1}{4}$ lb. \$2.00 Postpaid.

Is a week or ten days later than Jersey Wakefield, but the heads are considerably larger. Well adapted for use either as a succession or a main crop.

179—Glory of Enkhuizen

Illustrated above

The largest cropping early variety

Pkt. 10c. Oz. 75c. $\frac{1}{4}$ lb. \$2.25 Postpaid.

Comes into use a little later than Copenhagen Market but grows a larger head. Is very solid and with few outer leaves. Grows dwarf and compact, can be planted quite closely. Is a quick grower, so is well adapted for planting late for early winter use. Is of especially fine flavor and quite crisp.

176—Copenhagen Market

An ideal variety for the Market Garden.

Pkt. 10c. Oz. 90c. $\frac{1}{4}$ lb. \$2.75 Postpaid.

Although of comparatively recent introduction, its undoubted merit has rapidly caused it to become one of the most popular early round varieties in cultivation.

One very remarkable feature about this variety is its uniform growth and development; practically every head will mature at the same time. This is of incalculable value to market growers, as it very materially simplifies harvesting and shipping.

Copenhagen Market is a short stemmed variety, the heads almost resting on the ground. It is very early—ready for use almost as early as Jersey Wakefield.

The leaves are light green, rather small, saucer shaped, and tightly folded. The plants can be set very closely in the field. The heads usually weigh about ten pounds, and the quality is excellent. Our strain is exceptionally fine. We recommend it with confidence.

181—Early Spring

An extra early flathead.

Pkt. 10c. Oz. 70c. $\frac{1}{4}$ lb. \$2.00 Postpaid.

A very early round flathead, solid and shapely. Can be marketed early. Few outer leaves, so can be planted closely. Tender and of fine flavor.

McKenzie Cabbage Seed is Reliable.

CABBAGE

SECOND EARLY VARIETIES

202—McKenzie's Brandon Market

Pkt. 10c. Oz. 75c. $\frac{1}{4}$ lb. \$2.25 Postpaid.

This is one of the most useful Cabbage in cultivation. Anyone desiring to limit themselves to growing one variety should sow Brandon Market. It is fit for use very early, being ready a few days later than Early Jersey Wakefield, while its keeping qualities adapt it for winter use. We do not believe that any other variety will give such an extended season. It grows very rapidly, forms solid hard heads, not liable to burst, color dark green, tender quality and fine flavor.

203—Danish Summer Ballhead

Exceptionally good quality.

Pkt. 10c. Oz. 75c. $\frac{1}{4}$ lb. \$2.25 Postpaid.

Denmark has long been famous for the excellence of its Cabbage, particularly the large growing, late keeping Ballhead types. Danish Summer Ballhead is an early selection of the famous Ballhead strains. While not as heavy a cropper as the late types, the quality has been well maintained. The heads are absolutely round, firm and solid, while the inner leaves possess that snowy whiteness which makes this variety so popular for table use.

204—All Head Early

One of the largest second earlies.

Pkt. 10c. Oz. 70c. $\frac{1}{4}$ lb. \$2.00 Postpaid.

Introduced years ago, it still maintains its supremacy as one of the best all round varieties. In shape, it is of the flat head type forming a very solid head with comparatively few outer leaves, enabling it to be grown more closely together than many other second earlies. An excellent keeping variety; if sown late it can be used as a winter variety, and will keep as hard as a bullet till spring.

208—Early Flat Dutch

Medium early and very hardy.

Pkt. 10c. Oz. 60c. $\frac{1}{4}$ lb. \$1.75 Postpaid.

Belongs to the Drumhead type, but bred for earliness. Grows to a large size and forms exceptionally solid heads. Like the original type, it possesses a very hardy constitution and withstands to a remarkable degree the extremes of climate experienced in the West.

205—Henderson's Early Summer

A popular Market Gardener's variety.

Pkt. 10c. Oz. 70c. $\frac{1}{4}$ lb. \$2.00 Postpaid.

Forms large, solid, round, flattened heads of excellent quality, tender and sweet. The earliest of the second earlies. Will produce heads of from 8 to 10 lbs. weight each, and matures about 12 days later than Jersey Wakefield.

206—All Seasons

A splendid Cabbage.

Pkt. 10c. Oz. 70c. $\frac{1}{4}$ lb. \$2.00 Postpaid.

Comes into use a little later than Early Summer, but grows to a larger size. For market gardeners' use is one of the best. The heads, which are a round, flattened shape, are dark blue in color. Is an extra good keeper and its flavor is retained well.



MCKENZIE'S
BRANDON MARKET

LATE VARIETIES

234—Premium Late Flat Dutch

The best general purpose Cabbage.

Pkt. 10c. Oz. 60c. $\frac{1}{4}$ lb. \$1.75. Postpaid.

There are many strains of the popular Late Flat Dutch or Drumhead type of Cabbage, but our stock is the true Premium strain. It is of low growing habit, the heads are large, solid, broad and flat on top, of a bluish green color. It is a sure header and very hardy. We specially recommend our strain to the attention of growers for market.

228—Danish Roundhead

Unexcelled as a winter keeper.

Pkt. 10c. Oz. 75c. $\frac{1}{4}$ lb. \$2.25 Postpaid.

Differs from the famous Danish Ballhead, in being earlier and shorter stemmed. It has fewer outer leaves, which enables it not only to be planted more closely together, but also withstand blight better. It is fit for use two weeks earlier than Ballhead, not quite such a heavy cropper, but in every other respect equal to this well-known variety.

229—Danish Ballhead

The heaviest cropper and best keeper in cultivation.

Pkt. 10c. Oz. 75c. $\frac{1}{4}$ lb. \$2.25 Postpaid.

In Danish Roundhead and Ballhead we have two of the most popular varieties of late Cabbage which are grown very largely not only in Western Canada, but all over this Continent. Danish Ballhead is beyond question the heaviest cropping and finest keeping variety in cultivation. The heads are perfectly round and hard. This is one of the most desirable varieties for slicing and salads on account of its superior quality and flavor.



DANISH BALLHEAD

Reduce your Grocery bills—Plant more Vegetables.

CABBAGE

Late Varieties Continued

233—Surehead

A certain header

Pkt. 10c. Oz. 70c. $\frac{1}{4}$ lb. \$2.00 Postpaid

This variety is appropriately named as it most certainly is a sure header. The heads are large, round, flattened, uniform in size, very hard and sweet in flavor. Keeps well. Really a fine late Cabbage.

230—Marblehead Mammoth

The largest variety grown.

Pkt. 10c. Oz. 60c. $\frac{1}{4}$ lb. \$1.75 Postpaid.

While this cabbage grows to an exceptional size it is not considered of real good quality. It is rather coarse-grained, so more suitable for stock feeding.

231—Filderkraut

A pointed variety of large size.

Pkt. 10c. Oz. 70c. $\frac{1}{4}$ lb. \$2.00 Postpaid.

One of the few conical shaped late varieties. Grows to an exceptionally large size, very hard and a good keeper. A very profitable variety for stock feeding.

RED VARIETIES

280—Danish Stonehead Red

A fine pickling Cabbage.

Pkt. 10c. Oz. 70c. $\frac{1}{4}$ lb. \$2.00 Postpaid.

A deep red Cabbage with heads uniformly solid and fine-grained. Repeated trials show it to be one of the best Red Cabbages under cultivation.

281—Blood Red Drumhead

Splendid for general use.

Pkt. 10c. Oz. 60c. $\frac{1}{4}$ lb. \$1.75 Postpaid.

An old favorite variety. Grows to a fair size, good hard heads. Color unusually deep red, so especially prized for pickling.

282—Mammoth Red Rock

The largest of the Red Cabbages.

Pkt. 10c. Oz. 60c. $\frac{1}{4}$ lb. \$1.75 Postpaid.

Grows the largest head of any Red Cabbage. In spite of the size quality remains good. Color is maintained right to the centre.

SAVOY VARIETIES

254—Drumhead

A Universal Favorite

Pkt. 10c. Oz. 60c. $\frac{1}{4}$ lb. \$1.75. Postpaid.

A compact growing large headed variety, leaves beautifully crinkled and netted. A slight frost rather improves the quality.

255—Netted Savoy

Pkt. 10c. Oz. 60c. $\frac{1}{4}$ lb. \$1.75. Postpaid.

Green curled, medium sized heads. Delicate flavor.

183—Chinese White Cabbage

or Pe Tsai

Pkt. 10c. Oz. 60c. $\frac{1}{4}$ lb. \$1.75. Postpaid.

A distinct acquisition. The habit of growth more closely resembles a Cos Lettuce than a Cabbage. The flavor is very mild and the leaves may be eaten raw or cooked. Should not be sown too early; best results usually being obtained by sowing in July.

Cauliflower is the most expensive vegetable seed. It is more essential in the case of this seed that only the best strains be used. To ensure success, only early quick growing varieties should be planted.



CAULIFLOWER

When the heads form, protect from the sun by bending the leaves over them. As they near maturity it may be necessary to tie the leaves in position. This keeps the head protected from the sun and helps produce the snowy white Cauliflower so much in demand.

339—McKenzie's Early Snowcap

Produces beautiful snow-white heads.

Pkt. 25c. $\frac{1}{4}$ Oz. \$1.50. $\frac{1}{2}$ Oz. \$2.75. 1 Oz. \$5.00

Postpaid.

The earliest and most useful variety of Cauliflower. Of dwarf and compact growth, may be planted closely in rows; has few outside leaves, permitting the growing of more plants per acre than most other varieties. One of the best sorts for both market and home use. The heads are of uniform size, excellent quality, first class shipping variety.

340—Snowball

A general favorite, early and reliable.

Pkt. 25c. $\frac{1}{4}$ Oz. \$1.50. $\frac{1}{2}$ Oz. \$2.75 1 Oz. \$5.00

Postpaid.

The most universally grown Cauliflower in cultivation. Remarkably early, splendid quality, sure header. By planting at intervals a good supply can be maintained right through the season. The heads are snow white in color, very solid and of tender quality.

341—Early Dwarf Erfurt

Splendid variety for succession.

Pkt. 25c. $\frac{1}{4}$ Oz. \$1.50 $\frac{1}{2}$ Oz. \$2.75

1 Oz. \$5.00 Postpaid.

A trifle later than Snowcap but grows a larger head, so recommended for a succession crop. Plant is dwarf, heads are a creamy white of finest quality. A variety that is almost sure to head.

Good Seed is a paying Investment.

Plant in a sunny location and allow plenty of room as the vines cover the ground thickly. Do not plant too early, as Cucumbers are very susceptible to frost.

542—McKenzie's Prolific

The best variety for every purpose

Pkt. 10c. Oz. 30c. $\frac{1}{4}$ lb. 85c. $\frac{1}{2}$ lb. \$1.40 Postpaid.

This is one of our own introductions to Western Canada and to-day it stands without a rival as the most popular Cucumber we list. Fruits are usually about 6 inches long and $2\frac{1}{2}$ inches in diameter. Very productive, uniform in size and excellent flesh. One of the best for pickles.

556—Early Fortune

Splendid Quality.

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. $\frac{1}{2}$ lb. \$1.25 Postpaid.

We were the first to introduce this excellent variety to Western Canada and it has proven to be a decided acquisition. It is of excellent quality, early, productive and disease resistant. The flesh is white, very firm and crisp. In color it is a deep green and does not tend to turn yellow as quickly as other varieties. This is an ideal shipping variety and is useful for either pickling or slicing. About 9 inches long and $2\frac{1}{2}$ inches in diameter.

557—Earliest of All

The earliest slicer.

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. $\frac{1}{2}$ lb. \$1.25 Postpaid.

This Cucumber is described by the grower as the earliest slicing Cucumber in cultivation. It is fully a week earlier than Early Fortune but loses its color much more quickly. It is of the White Spine type and the quality is very desirable. Fruits are full and uniform, tapering abruptly at both ends. Color is a deep rich green. Fruits about 3 inches in diameter and 7 inches long.

547—Early Cluster

Early and productive.

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. $\frac{1}{2}$ lb. \$1.25 Postpaid.

One of the most valuable pickling sorts on the market. Very early, the fruits are short and chunky, and are borne in clusters in the centre of the plant. The color is light green. The plants are very productive. Fruits average 5 inches long and $2\frac{1}{2}$ inches in diameter.

545—Chicago Pickling

A popular and useful variety.

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. $\frac{1}{2}$ lb. \$1.25 Postpaid.

One of the best known and most popular Cucumber grown in the West. The fruits set very early and if kept pulled will continue to produce fruit until freeze-up. An excellent pickling variety. Fine for shipping, good color. Our stock has been carefully selected and is a very superior strain.

A vigorous growing and productive variety.

553—Early Frame or Early Short Green

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. $\frac{1}{2}$ lb. \$1.25 Postpaid.

A good all round variety suitable for either slicing or pickling. It is medium early and a fair size. The fruit, which will average about 6 or 7 inches long and $2\frac{1}{2}$ inches in diameter, grows slightly three cornered in shape.

CUCUMBER

550—Long Green

The best for general Crop.

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. $\frac{1}{2}$ lb. \$1.25. Postpaid.

For general crop this variety is recommended, although not so early as many of the others we list. It produces handsome fruits which will average from 8 to 12 inches long, $2\frac{1}{2}$ inches in diameter and tapering very slightly. The color is dark green and the flesh white, firm and of good flavor. The smaller fruits can easily be utilized for either pickling or slicing.

Long Green is grown probably more than any other by market gardeners as their main crop. Our stock of this seed is selected and will give best results.

555—Early Russian

The earliest Cucumber in cultivation.

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. $\frac{1}{2}$ lb. \$1.25 Postpaid.

A very distinct variety. Produces a small fruit which ripens quickly. It is exceptionally early and will usually be ready about three months after planting. Very productive. Fruits are about 3 inches long and $1\frac{1}{2}$ inches in diameter. Excellent for pickling.

549—Fordhook White Spine

The largest of the white spine type

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. $\frac{1}{2}$ lb. \$1.25 Postpaid.

A very handsome and high quality Cucumber. The fruits are 8 to 10 inches long, $3\frac{1}{2}$ inches thick, tapering at both ends, crisp and solid. The vines are of strong vigorous growth, a heavy cropper, and the fruits are uniformly smooth and regular in form. The color is light green, thin skinned, and the flesh is firm and of excellent quality.

546—Cool and Crisp

A good variety for slicing.

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. $\frac{1}{2}$ lb. \$1.25 Postpaid.

This variety is recommended for slicing. It has a decided tendency to grow quite thick in the middle and taper to each end; as the fruit averages about 8 inches in length it is not a type which would be especially suitable for pickling.



Complete Index page 96.



GOLDEN BANTAM

EARLY MALCOLM

SWEET CORN

Not alone is Sweet Corn a successful crop commercially, but there are very few gardens without at the least a few rows of this popular vegetable. Great strides have been made the past few years in developing improved strains and in practically every district in Western Canada some variety of Corn can be successfully grown.

Squaw and Pickaninny will be ready first. These two varieties should be planted as first earlies only, as they mature quickly. The main crop should be seeded with one or two other varieties and this will give good table Corn until frost. Corn can be canned or dried: makes a delightful winter dish.

Do not plant Corn too early. May 20th should be in plenty of time as by then the soil is getting well warmed.

479—Golden Bantam

The finest Flavored Sweet Corn grown.

Pkt. 10c. $\frac{1}{2}$ lb. 30c. 1 lb. 55c. Postpaid.
Illustrated above.

This is the best known and most popular Sweet Corn grown today. The cobs average from 6 to 8 inches in length and are usually 8 rowed. The kernels are large, rich creamy yellow in color and deepening to an orange yellow as it ripens.

Golden Bantam is exceptionally hardy and withstands unfavorable weather remarkably well. It will survive cold nights and early frosts when other varieties will not mature. It is not tall growing; stalks averaging from 4 to 5 feet in height.

Golden Bantam is the richest flavored Corn grown. If you have not already tried Bantam, be sure and include it in this year's order. You have never known what sweet corn really is unless you have tried Golden Bantam. Can be planted to June 20th for succession.

477—McKenzie's Northern Success

More popular each season.

Pkt. 10c. $\frac{1}{2}$ lb. 35c. 1 lb. 60c. Postpaid.

There is no other vegetable that you can raise that will give more pleasure and satisfaction than McKenzie's Northern Success Corn. The outstanding features of the Corn are luscious sweetness and delicacy of flavor. For earliness it is in the front rank of Sweet Corns, in fact, matures several days earlier than any other varieties we know of.

Stalks grow to about 4 feet, usually bearing three to five ears. Of dwarf habit it permits of close planting and is a very heavy yielder. Its sweetness and delicacy of flavor have made it one of the most popular varieties in the West. Its remarkable productiveness attests to its particular fitness for our varied soils. Our customers should bear in mind that Sweet Corn produced in the North is earlier and more hardy than the same varieties grown farther south.

478—Peep O' Day

An early white Corn.

Pkt. 10c. $\frac{1}{2}$ lb. 30c. 1 lb. 50c. Postpaid.

Cob about 6 or 7 inches long and 8 to 10 rowed. This is a very early variety and has been grown extensively. Comes in just after Mammoth White Cory.

480—Squaw

The Native Variety.

Pkt. 10c. $\frac{1}{2}$ lb. 20c. 1 lb. 35c. Postpaid.

Squaw Corn is the earliest variety grown in the Canadian West. Stalks are very dwarf, growing usually from 3 to 4 $\frac{1}{2}$ feet high. Cobs are small, being from 4 to 6 inches long and not always perfectly formed. The cobs are usually quite piebald with purple and yellow kernels. The improved varieties are gradually showing less of the colored kernels.

As for quality there are many varieties better than Squaw. Cobs of this variety are ready in July or early in August.

Our stock of this is the genuine Native Squaw Corn and can be relied upon.

491—Pickaninny

Pkt. 10c. $\frac{1}{2}$ lb. 30c. 1 lb. 55c. Postpaid.

Illustrated on Page 11

This variety is a recent introduction by the Central Experimental Farm at Ottawa and is quite distinct. It is a remarkably early variety and will be ready about the same time as Squaw. The stalks are quite dwarf growing. Cobs are from 4 to 6 inches long. Kernels are dark purplish in color and are very broad. The flavor is surprising—it is practically equal to Golden Bantam in this respect.

Pickaninny Corn we recommend highly for an early variety.

482—Early Malcolm

A wonderful early variety.

Pkt. 10c. $\frac{1}{2}$ lb. 30c. 1 lb. 55c. Postpaid.

Illustrated above.

Stated by the Ottawa Experimental Station to be one of the earliest Sweet Corns ever grown there. Even in the United States this variety is listed as the earliest Sweet Corn and is recognized as an outstanding variety.

We offered this valuable addition in 1915 for the first time and reports still justify us in emphasizing its merits and strongly recommending it. It is very sweet, juicy and tender. In color it is a rich creamy white and of excellent flavor. Ears are a good size. A good variety for Market Gardeners.

SWEET CORN

487—McKenzie's Primo

A delicious red cob variety.

Pkt. 10c. ½ lb. 30c. 1 lb. 55c. Postpaid.

This is an early dwarf sort but produces quite a large cob; about 8 inches long and 8 to 10 rowed. The kernels are exceptionally broad. It is a pink or red cob variety and for several seasons has been giving undoubted satisfaction. Matures about the same time or a little later than McKenzie's Northern Success.

486—Mammoth White Cory

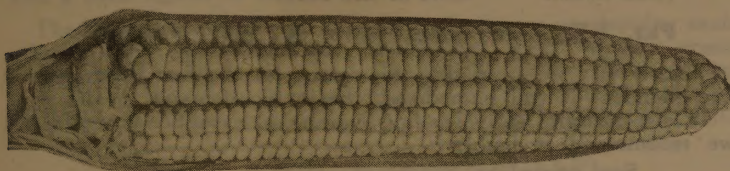
The earliest large cobbled white corn.

Pkt. 10c. ½ lb. 30c. 1 lb. 50c. Postpaid.

Many persons prefer a white cob Corn. Mammoth White Cory yields a cob of splendid flavor. While there are one or two varieties a few days earlier, this is the earliest large cobbled variety. It is a great favorite with market Gardeners as a main crop sort. Ears are 7 to 8 inches long and 10 to 12 rowed usually filled well to the tip. Stalks grow about 4 feet high.

Our strain of this variety is unexcelled; we recommend it highly.

WHITE CORY



Do not plant Sweet Corn and Pop Corn closer to each other than 100 feet. Each will spoil the other if you do.

CORN for POPPING

McKenzie's Snow White

1 lb. Package .30 each Postpaid: 5 or more .20 each by express at purchaser's expense.



Great enjoyment can be had from a package of Popping Corn, everyone likes it.

Our "Snow White" Popping Corn is well matured, clean and will certainly pop. Ask your grocer for McKenzie's "Snow White" or send to us direct. You will find it pops better than any other and every kernel will be large and white. Include at least one package in your order.

PICKANINNY



489—Golden Giant

Extra large yellow cob.

Pkt. 15c. ½ lb. 45c. 1 lb. 80c. Postpaid.

The cob is larger than Golden Bantam, but possesses all of the wonderful flavor of this splendid yellow variety. Kernels are golden yellow, broad and deep. Grows fairly tall and is a little later than Golden Bantam. This variety was introduced by Dr. De Lue and we first listed it two years ago. It has filled the expectations we had of it and is a very popular variety.

Golden Yellow Corn seems to be the most popular and whatever surplus you may have can usually be easily disposed of.

488—Whipple's Early

A fine market variety.

Pkt. 10c. ½ lb. 30c. 1 lb. 55c. Postpaid.

This splendid new variety is, we believe, destined to occupy a leading place in Western Canada. The quality is good and it is ready about the same time as Golden Bantam. The ears are 7 to 8 inches long and are extra large—16 to 18 and often 20 rows filled right to the end of the cob. Unlike most other early varieties the stalks grow tall. This corn will make a good market variety on account of its large size, beautiful white color and excellent quality.

POP CORN

501—White Rice

The best for Popping.

Pkt. 10c. ½ lb. 20c. 1 lb. 35c. Postpaid.

This is the only variety of Pop Corn that can be grown to maturity in Western Canada. Plant two or more rows fairly close together and this will encourage earlier cobbing. Corn needs to be well matured before it will pop well.

A little of this Corn will mean a lot of enjoyment for the children next fall and winter.

WHITE RICE POP CORN



McKenzie Seed—Most economical in the end.

LETTUCE

The most important salad plant is fresh, crisp Lettuce. Large quantities are imported during the winter and early spring months and both the leaf and head varieties are in great demand.

There is no special knack in growing good Lettuce. Keep using it down close so the seed stalks do not get a chance to shoot up. It requires considerable moisture and a little shade for the heading varieties.

To have fresh Lettuce during the whole summer, make two or three sowings of both leaf and head varieties about ten days apart. We have marked (L) after all loose-leaved varieties and (H) after the heading sorts.

682—McKenzie's Prairie Queen (L)

The standard loose-leaved variety,

Pkt. 10c. Oz. 40c. $\frac{1}{4}$ lb. \$1.10 Postpaid.

A splendid Lettuce and repeat orders year after year prove that its merits are appreciated by discerning customers. It produces a Lettuce of finer quality and flavor than can be obtained from any other loose-leaf type. Shows a wonderful combination of earliness, handsome appearance and fine quality and not subject to rot. This Lettuce does not form heads, but makes large, compact bunches of light leaves with fringed edges.

From repeated plantings both in cold frames and the open ground, it has proved to be the earliest, as well as the surest loose-headed variety grown and the most desirable forcing variety to be had. The somewhat closely folded nature of the leaves gives the maximum quantity. From a light green outer leaf, it blanches to a rich yellow tint. Very crisp and delicious.

685—Black Seeded Simpson (L)

A fine, crisp, leaf variety.

Pkt. 10c. Oz. 35c. $\frac{1}{4}$ lb. \$1.00 Postpaid.

Considered to be one of the best of the loose-leaf varieties. It is early and grows successfully everywhere. In Western Canada it can be always relied upon even under varying conditions. Leaves are quite broad, blistered and crumpled. The edges of the leaves are excessively frilled. Color is a light yellowish green. The flavor is all that could be desired.



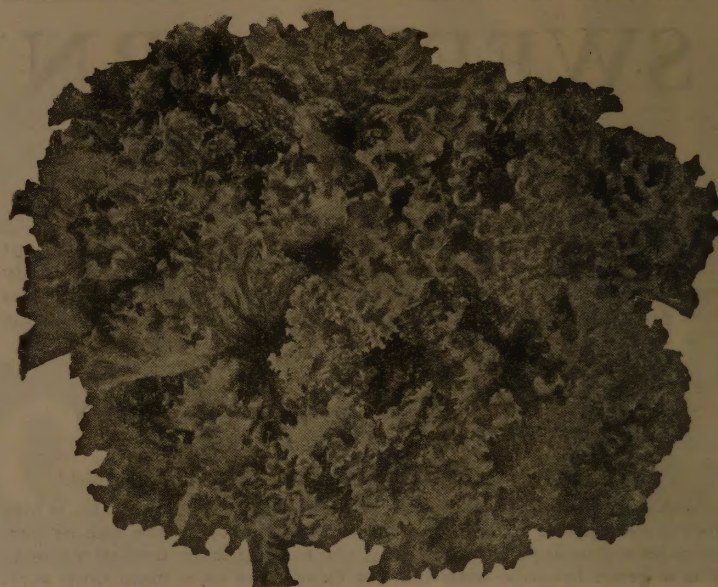
PARIS WHITE COS

717—Paris White Cos

Quite distinct from the Cabage varieties.

Pkt. 10c. Oz. 35c.
 $\frac{1}{4}$ lb. \$1.00 Postpaid.

This is the best of the Cos varieties. Forms a conical shaped head, leaves being oval, quite smooth and flat. The leaves are dark green but the heart blanches well. A remarkably fine flavored Lettuce and when once grown will always be grown.



MCKENZIE'S PRAIRIE QUEEN

719—New York Lettuce (H)

One of the best.

Pkt. 15c. Oz. 50c. $\frac{1}{4}$ lb. \$1.50 Postpaid.

This variety we are listing this season for the first time and we are confident it will immediately be in big demand.

It is a medium early heading variety of exceptional merit and we recommend it highly.

See complete description on Page 41.

691—Hanson (H)

Crisp and tender, mild in quality

Pkt. 10c. Oz. 35c. $\frac{1}{4}$ lb. \$1.00 Postpaid

This is one of the finest varieties of Lettuce grown. It has been a standard for years.

It is medium size, light green in color with leaves crumpled and crisp.

The feature that distinguishes it most and renders it of unusual value for Western Canada is its ability to withstand extreme heat and keep in condition without going to seed. It will keep tender, crisp and unwithered a couple of weeks after maturity. It has no tendency towards being spotty or brownish.

690—Big Boston (H)

Large and Compact Head.

Pkt. 10c. Oz. 35c. $\frac{1}{4}$ lb. \$1.00 Postpaid.

A very popular variety both for outside culture as well as cold frame forcing. As its name implies, the heads grow to an unusually large size. Leaves are broad, almost smooth, but wavy at the edge. Color is light green, slightly tinged with reddish brown. The heart is greenish-white, tinged yellow.

686—California Cream Butter (H)

Attractive appearance and finest quality.

Pkt. 10c. Oz. 35c. $\frac{1}{4}$ lb. \$1.00 Postpaid.

A handsome, large, round, heading Lettuce. Leaves are quite broad and thick and are very much crumpled. Color is a dark glossy green and spotted with brown. If left to mature will blanch to a beautiful golden yellow. This is a tasty, attractive appearing Lettuce.

For your Garden's Success—Plant McKenzie Seed.

LETTUCE

687—Grand Rapids (L)

An old reliable loose leaf.

Pkt. 10c. Oz. 35c. $\frac{1}{4}$ lb. \$1.00 Postpaid.

The most popular variety for Greenhouse and Garden alike. The use of Grand Rapids in a commercial way has grown from a very small beginning to large proportions.

Of unusually rapid growing habit even under most adverse conditions. Remains crisp and in fine table condition after maturity. Retains its freshness long after being cut.

It is a loose leaved Lettuce, robust grower of attractive appearance. Large, light yellowish green leaves, beautifully curled, and when properly grown forms a perfect ball shape. Its upright habit of growth permits close planting.

688—Iceberg (H)

Of pleasing appearance and quality.

Pkt. 10c. Oz. 35c. $\frac{1}{4}$ lb. \$1.00 Postpaid.

A few days earlier than Hanson but not quite so large and it is also a little lighter in color.

The head is firm and well blanched, the leaves overlapping each other in very close formation. It does not spot. Is light green in color with a slight tinge of brown on the border. The quality is excellent, being crisp and sweet and providing a delightful cool salad for the warm days. It withstands the hot weather well.

683—All Seasons (H)

One of the best butterheads.

Pkt. 10c. Oz. 35c. $\frac{1}{4}$ lb. \$1.00 Postpaid.

As implied by its name, it may be grown with success in the spring, summer or fall.

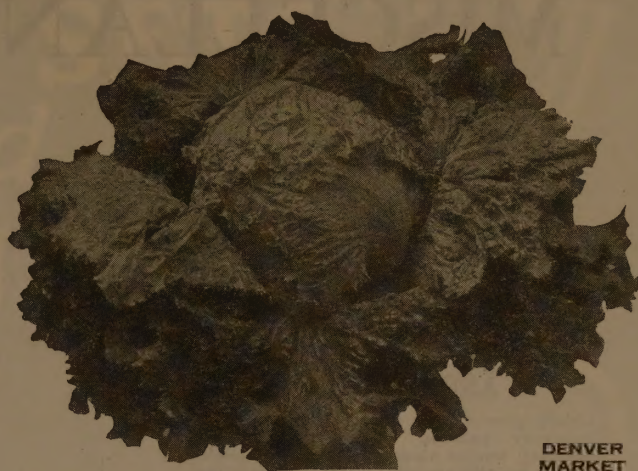
Distinctly a Head Lettuce. Very large, conical shape, attractive appearance, extremely solid, leaves broad and a light greyish green, does not spot or turn brownish, sure header, slow to run to seed. Great heat resister and retains its freshness. Crisp and having that much sought "butter" flavor.

684—May King (H)

Early, handsome appearance, fine quality.

Pkt. 10c. Oz. 35c. $\frac{1}{4}$ lb. \$1.00 Postpaid.

A good heading variety. A handsome Lettuce, very early and a small compact head. Leaves are a light yellowish green color edged with brown. The head blanches a fine golden yellow. Has a fine, rich buttery flavor.



DENVER
MARKET
LETTUCE

689—Denver Market (H)

Tender, Crisp and Delicious.

Pkt. 10c. Oz. 35c. $\frac{1}{4}$ lb. \$1.00 Postpaid.

Large conical heads of finest quality; beautiful bright soft green outer leaves; blanches to a rich golden yellow within. Grows to a nice large size and retains its crispness and mild flavor to a greater degree than most varieties during excessively hot weather. Notwithstanding its adaptability to heat, it is a most desirable variety for spring and fall. Is one of the most popular with market gardeners, owing to its beautiful appearance and being one of the best for forcing.

MUSHROOM SPAWN

A real table delicacy for growing indoors

Fresh Mushrooms provide a very appetizing dish and are much appreciated as a table delicacy. Their production is not by any means such a difficult matter as many suppose.

We issue a leaflet, giving simple instructions, which, if followed carefully, and good fresh Spawn used, success will be assured.

Aside from their value for home use Mushrooms find a ready market in any of the large cities at a price which makes them an attractive source of revenue.

They can be grown in a warm cellar or enclosed shed. Best results are obtained where conditions of moisture and temperature are favorable or can be controlled. Our Spawn is always fresh and, when care is shown in the growing, will produce the finest Mushrooms.

Bricks are about 5" x 8" with a thickness of about 1½ inches. One brick will spawn a bed of about 10 square feet.

789—Lambert's Pure Culture Spawn

Per brick 65c. 5 bricks \$3.00 Postpaid.

5 bricks by express at purchaser's expense for \$1.75.

Grow Them in Your Lawn

Break up the spawn brick into about 20 pieces about one inch square. Lift small pieces of the sod in your lawn every two feet. Put in a trowelful of manure planting the spawn in the manure and pad back the sod. This should be done in the month of May. With the first warm rains, the mushrooms will begin to grow. Pick daily and do not leave exposed to the sun. If there is a long spell of dry weather, water them daily and you will have a constant supply of this table delicacy.

Per brick 70c. 5 bricks \$3.25 Postpaid.

5 bricks at purchaser's expense for \$2.00

791—McKenzie's Special Spawn for Lawn Planting

Grow your own Vegetables—they taste better.



MUSHROOMS

MISCELLANEOUS VEGETABLES

Postpaid				Postpaid			
	Pkt.	Oz.	¼ lb.		Pkt.	Oz.	¼ lb.
ARTICHOKE				CITRON			
1—LARGE GREEN GLOBE. The standard variety. Grows between three and four feet high and is quite ornamental. It is cultivated for the edible flower heads. This variety is quite distinct from the Jerusalem Artichoke, which is a tuber...	10c.	1.20		There should be a great deal more of this excellent vegetable used. It will grow anywhere in the West and produces an abundance of fruit which are delicious when preserved. Every prairie home would welcome such a change as Citron would provide—preserved with Oranges, Pineapples or Raisins.			
ASPARAGUS				446—RED SEEDED. Produces medium sized fruit. Excellent for preserving...	10c.	25c.	75c.
Easily grown from seed and should be in every garden. Considered a real delicacy and is about the first vegetable ready in the spring. Great quantities are imported that could be just as easily grown in Western Canada.				447—GREEN SEEDED. A very productive strain. Fruits slightly oblong and of good size	10c.	25c.	75c.
13—EARLY GIANT ARGENTEUIL. A popular variety on account of its earliness, productiveness and large stalks...	10c.	20c.	50c.	CORN SALAD			
12—PALMETTO. Probably the best variety for canning. Early, dark green shoots.	10c.	20c.	50c.	521—Large leaved Dutch. A vigorous growing variety. Leaves large, round, greyish-green and veined	10c.	35c.	1.00
BORECOLE OR KALE				CRESS OR PEPPER GRASS			
A very hardy and useful vegetable used specially for greens. Is really best for late use as the cool weather is best suited for it and even a little frost improves the flavor.				531—EXTRA TRIPLE CURLED. Used as a condiment and for garnishing. Grows very rapidly	10c.	20c.	50c.
611—DWARF GREEN SCOTCH CURLED. Grows about 18 inches high. Leaves are densely curled and of a beautiful deep green color. Can be used as soon as they are of good size; considered by some to be superior to any other green.	10c.	50c.	1.50	533—WATER. A delicious salad. Thrives best on the banks of a running stream	15c.	1.20	
612—TALL GREEN SCOTCH CURLED. Requires more space than the Dwarf variety as it grows 2 to 3 feet high. The bottom leaves can be gathered as ready and the upper leaves left to mature thus prolonging the season.	10c.	50c.	1.50	EGG PLANT			
BROCCOLI				579—NEW YORK IMPROVED PURPLE. The favorite market variety. Plant grows to a large size, spreading habit and spineless. Usually produces four to six large oval dark purple fruits.	10c.	1.50	
Quite similar to Cauliflower in appearance but is harder. The same cultivation is necessary. Requires a little longer season than the Cauliflower and the head does not form so quickly. Does not thrive well in very hot weather.				ENDIVE			
155—WALCHEREN. The earliest variety. The only one that can be successfully grown in Western Canada	10c.	1.75		589—GREEN CURLED. Hardest and most vigorous growing variety. Leaves are of a deep green color, with the outer midribs showing a trace of rose. Blanches a beautiful creamy-white	10c.	25c.	60c.
BRUSSELS SPROUTS				KOHL RABI			
The very fine quality of this excellent vegetable recommends it to every gardener. They resemble small cabbages and are produced on an upright stalk. Lower leaves should be removed as soon as the first sprouts form. Cook like Cabbage making a valuable and delicious addition to the table.				638—EARLY WHITE VIENNA. Extremely early with distinctly small tops. Bulbs are of medium size, color light green changing to white. Finest quality.	10c.	60c.	1.75
165—DALKEITH. A well known Scotch strain of excellent quality. Grows about 20 inches high and produces even sized, hard sprouts.	10c.	60c.		639—EARLY PURPLE VIENNA. A trifle later than the White variety, but grows a larger bulb. The skin is purple but the flesh is white	10c.	60c.	1.75
166—GIANT. Grows taller than the Dalkeith and possibly a heavier cropper. Not quite so early.	10c.	60c.		LEEK			
CHERVIL				The culture of this excellent and valuable vegetable only needs to be more general for it to be better appreciated. Very hardy, easily grown, and a most useful and wholesome vegetable			
426—Fine curled. Grows finer than Parsley. For flavoring soups and for garnishing.	10c.	50c.	1.50	652—BROAD LONDON OR ENGLISH FLAG. A strong growing variety, producing thick stems of excellent flavor.	10c.	35c.	1.00
CHICORY				651—MUSSELBURGH. A very hardy variety. The stems, which blanch very easily, will grow under favorable conditions to 18 inches in length. Splendid quality	10c.	35c.	1.00
436—Large-rooted Magdeburg. The dried roots are roasted and used as a substitute for coffee. When forced, the leaves make an excellent Winter Salad.	10c.	50c.	1.40	MUSTARD			
COLLARDS				810—FINE WHITE. Excellent as a salad and should be used as a condiment in conjunction with Cress. Mustard and Cress is always appreciated.	10c.	25c.	75c.
467—Selected. Belonging to the Brassica family, somewhat resembling Kale. Splendid for Fall or Winter Greens	10c.	35c.	1.00	PEPPER			
				The varieties offered by us can be grown successfully in this Western Country. Are used for preserving and pickles.			
				1042—McKENZIE'S ALPHA. Very early and excellent quality	Pkt.	½ oz.	Oz.
				1040—GOLDEN DAWN. Color, bright yellow, mild flavor.	10c.	65c.	1.20
				1041—LONG RED CAYENNE. Bright scarlet fruits, long slender shape, useful for pickles	10c.		1.00
				1039—RUBY KING. Bright red color, mild and sweet, excellent for stuffing.	10c.		1.00
					10c.		1.00

ONION SETS *and* ONION SEED



The most popular and most universally grown vegetable in Western Canada is the Onion. Every commercial grower and every home gardener always plants Onions, yet the demand is greater than the supply. Onions of the proper strains for this climate keep well, most of them lasting all winter. Onions are easily grown and are unusually heavy croppers—often as high as 600 bushels to the acre.

ONION SETS

Many prefer to grow their Onions from Sets rather than from seed. The use of Onion Sets insures a crop at least 4 weeks earlier than from seed. It produces the small green Onions in just a few weeks

and Onion Sets are lots less labor, too, for they do not require thinning. Their earliness is of advantage in resisting Onion Root Maggots, and other pests.

We recommend the use of sets for Onions for spring and summer use and Onion seed for the main crop for winter, although the sets will also produce large bulbs if left in the ground to mature.

McKenzie Onion Sets are recognized as the highest grade by experienced Western Canadian growers—they are hard, dry, unsprouted, and just the right size to give the quickest and largest return.

887—Dutch Sets

The Popular Variety.

$\frac{1}{2}$ lb. **25c.** 1 lb. **35c.** 5 lbs. **\$1.70.** Postpaid.

Brown or yellow in color, grown from high grade seed, carefully harvested and stored, our Sets are uniform and ideal for planting in Western Canada. Being small and hard they go much further than the larger soft Sets which are sometimes offered. They will produce mature bulbs in the shortest time and are not liable to run to seed in dry weather.

McKenzie Onion Sets are all that good sets should be.

889—Multipliers or Potato Onion

$\frac{1}{2}$ lb. **25c.** 1 lb. **35c.** 5 lbs. **\$1.70.** Postpaid.

Quite distinct from other sets as each bulb produces from 6 to 12 sprouts. For growing early green Onions Multipliers are highly recommended, being earlier and most economical. Some buyers prefer them to Dutch Sets. If allowed to mature they will produce a bulb of moderate size which will keep well and is quite mild in flavor.

888—White Dutch Sets

Well adapted for producing early green Onions

$\frac{1}{2}$ lb. **25c.** 1 lb. **40c.** 5 lbs. **\$1.90.** Postpaid.

The White Set is especially valuable for producing the small green onion in the early Spring. They are ready for use early and have a beautiful mild flavor.

Bulbs will mature quickly, and while they are not particularly good keepers they are well adapted for fall or early winter use.

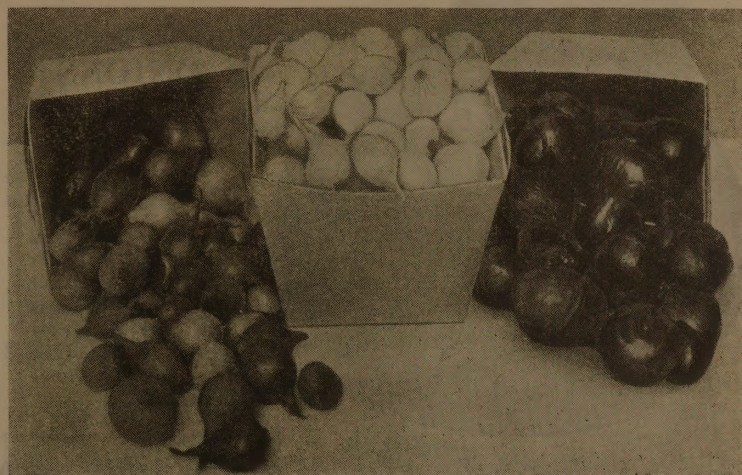
909—Garlic

$\frac{1}{2}$ lb. **35c.** 1 lb. **60c.** 5 lbs. **\$2.85.** Postpaid.

Garlic has a strong, pungent flavor and is much esteemed for flavoring soups, stews, etc. It is cultivated similarly to Onion Sets. Each bulb is composed of a number of parts or cloves. Plant in early Spring.

CULTURE OF ONION SETS

Soil requirements the same as for Onion Seed. Place the Onion Sets 3 to 4 inches apart, according to size, 2 inches deep, in rows 1 foot apart. It is customary to furrow out the soil with a little hand plow early in the Spring. Set the Onion in this furrow right side up and cover with a garden rake and if the soil is dry it should be well firmed over the sets; 250 to 300 lbs. of sets required for an acre.



DUTCH SETS

WHITE DUTCH

MULTIPLIERS

ONION

Because the Onion responds so readily to improvement by cultivation and selection of seed it is important that only the best strains obtainable be used. The difference in the crop secured from poor, unselected seed and that from a pedigreed strain, carefully selected, is so great that even the most unexperienced grower can see the tremendous advantage of the best seed. And the "old timers" will use only the finest seed they can get.

As the largest dealers in Onion Sets and Onion Seed we can assure our customers of the very best Onion Seed obtainable.

830—McKenzie's Northland

The sure keeper

Pkt. 10c. Oz. 40c. $\frac{1}{4}$ lb. \$1.20. $\frac{1}{2}$ lb. \$2.00.
1 lb. \$3.35. Postpaid.

This yellow variety is popular in the Canadian West. Produces well ripened bulbs averaging 2 inches in diameter and nearly globe shaped. Remarkably solid and heavy. One of the surest keepers and best sellers grown. Flesh is an attractive sparkling white, very mild, pleasant flavor. An enormous yielder. It forms a bulb very early in the season so that it may be used practically the entire summer, ripening up crisp and solid in the fall.

Yellow Globe Danvers

We list two stocks of this variety.

This is the standard yellow Onion and is grown more than any other in either home or market garden. It is of handsome appearance, bulb globe shaped and skin a beautiful pale yellow. The flesh is pure white in color, crisp and very mild. Ripens early and uniformly and will keep well.

839—McKenzie's Selected

Pkt. 10c. Oz. 40c. $\frac{1}{4}$ lb. \$1.10. $\frac{1}{2}$ lb. \$1.85.
1 lb. \$3.25. Postpaid.

McKENZIE'S SELECTED STOCK of this variety is the best obtainable. It is a carefully selected strain and is giving real satisfaction year after year. Critical growers rely upon it.

838—General Stock

Pkt. 10c. Oz. 35c. $\frac{1}{4}$ lb. \$1.00. $\frac{1}{2}$ lb. \$1.75.
1 lb. \$3.00. Postpaid.

The General Stock Seed is also of high quality but will not produce so large a bulb. If for green onions only it would prove quite suitable.



832—McKenzie's Improved Large Red Globe

The largest of the Red Globe Varieties.

Pkt. 10c. Oz. 40c. $\frac{1}{4}$ lb. \$1.20. $\frac{1}{2}$ lb. \$2.00.
1 lb. \$3.35. Postpaid.

One of the best red varieties in cultivation. The color is a rich red, and the skin has a glossy appearance. The flesh is white, tinged with purple. A good shipping variety and keeps well. Does well in the West.

Red Wethersfield

We carry two stocks of this variety.

The Red Wethersfield is grown more than any other red variety. It has been prominent for years and on account of the bulb being so solid makes one of the best winter Onions.

In color the skin is a deep purplish red while the flesh is white. The bulb is round and well flattened on the bottom. In productiveness and suitability to our climate the Red Wethersfield has no superior.

834—McKenzie's Selected

Pkt. 10c. Oz. 40c. $\frac{1}{4}$ lb. \$1.10. $\frac{1}{2}$ lb. \$1.85.
1 lb. \$3.25. Postpaid.

McKENZIE'S SELECTED STOCK, as in the Yellow Globe Danvers, is the very best strain that can be procured. It will produce uniform, attractive, solid bulbs in the shortest time and they will keep throughout the winter.

835—General Stock

Pkt. 10c. Oz. 35c. $\frac{1}{4}$ lb. \$1.00. $\frac{1}{2}$ lb. \$1.75.
1 lb. \$3.00. Postpaid.

837—Extra Early Red

A good early market variety.

Pkt. 10c. Oz. 40c. $\frac{1}{4}$ lb. \$1.10. $\frac{1}{2}$ lb. \$1.85.
1 lb. \$3.25. Postpaid.

An earlier Onion than the Red Wethersfield, about the same shape. Gives a good yield and is quite mild in flavor.

YELLOW
GLOBE
DANVERS



ONIONS

*And How to
Grow Them*

So important do we consider the Onion Crop, that we have prepared a special booklet on the subject entitled "Onions and How to Grow Them". It is free with orders if requested.

Grow more Onions—they keep well and keep you well.

ONION

841—Giant Prizetaker

A splendid exhibition variety.

Pkt. 10c. Oz. 40c. $\frac{1}{4}$ lb. \$1.10 $\frac{1}{2}$ lb. \$1.85 1 lb. \$3.25 Postpaid.

One of the largest Onions grown and is especially suitable as an exhibition variety. The skin is a pale straw color and the flesh is pure white, mild and sweet. In size this Onion will fairly compete with the imported Spanish Onion—bulbs of about one pound and more are not uncommon in a general crop.

On account of its size will give a very big yield but is not a good keeper. The Australian Brown and Yellow Globe Danvers are both better for winter use.

845—Southport Yellow Globe

An excellent market variety.

Pkt. 10c. Oz. 40c. $\frac{1}{4}$ lb. \$1.10. $\frac{1}{2}$ lb. \$1.85.
1 lb. \$3.25. Postpaid.

Forms a beautiful globe-shaped bulb, average size 3 to 3 $\frac{1}{2}$ inches in diameter. The outside skin is a rich golden yellow, the inside flesh being creamy white, mild, tender and sweet. A good shipping variety and very popular with market growers. Keeps well, so makes a good winter Onion.

846—Mammoth Silver King

One of the earliest and largest white varieties.

Pkt. 10c. Oz. 60c. $\frac{1}{4}$ lb. \$1.75. $\frac{1}{2}$ lb. \$3.00.
1 lb. \$5.00. Postpaid.

Bulbs are flat but quite thick. The skin and flesh are a pure silvery white, flesh is crisp and mild. This variety matures very early and produces a large bulb. Its earliness and attractive appearance make it a good market variety.

844—Early White Welsh

Pkt. 10c. Oz. 60c. $\frac{1}{4}$ lb. \$1.75. $\frac{1}{2}$ lb. \$3.00.
1 lb. \$5.00. Postpaid.

This variety is used for green Onions in early Spring. Does not produce a bulb but is a perennial and is left in the ground all winter, the green onions come along very early in the Spring.

Pickling Onions

For pickles the small white Onions are almost a necessity. They grow quickly and produce a fine appearing bulb of quite an exceptional flavor. They are not very good keepers.

868—White Barletta

Pkt. 10c. Oz. 60c. $\frac{1}{4}$ lb. \$1.75. $\frac{1}{2}$ lb. \$3.00.
1 lb. \$5.00 Postpaid.

A very early variety of handsome shape and color. Is very popular either for pickling or bunching

866—White Queen

Pkt. 10c. Oz. 60c. $\frac{1}{4}$ lb. \$1.75 $\frac{1}{2}$ lb. \$3.00
1 lb. \$5.00. Postpaid.

A rapid grower. Produces a small, flat, silvery white bulb. Ideal for pickling or for using as green onions

GIANT PRIZETAKER



836—Australian Brown An extra good keeper.
Pkt. 10c. Oz. 30c. $\frac{1}{4}$ lb. 90c. $\frac{1}{2}$ lb. \$1.60.
1 lb. \$2.75. Postpaid.

As the name implies this splendid deep brown variety is of Australian origin, and it has invariably proved a success where other sorts have failed. It is adapted to a great variety of soils, is not easily effected by climatic conditions, therefore does exceptionally well in our Prairie West. A sure cropper. The bulbs somewhat resemble the Danvers in size. Very early, wonderfully hard and solid—most attractive for market. The skin is an amber brown color. Flesh is firm, of mild flavor and the ripe bulbs will remain in good condition for many months after harvesting. It has the reputation of being the best keeping Onion.

833—Superior Golden Globe

A good all round variety.

Pkt. 10c. Oz. 40c. $\frac{1}{4}$ lb. \$1.10. $\frac{1}{2}$ lb. \$1.85.
1-lb. \$3.25. Postpaid.

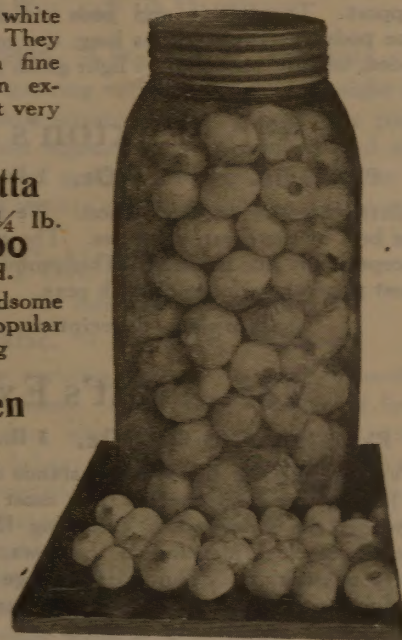
Grows to a large size, the bulb being globe shaped of perfect symmetry. The color is a bright golden yellow, the flesh is white and of mild and tender flavor. Its large size and fine appearance adapt it admirably for exhibition purposes, while its keeping qualities are such as to make it very popular for home use.

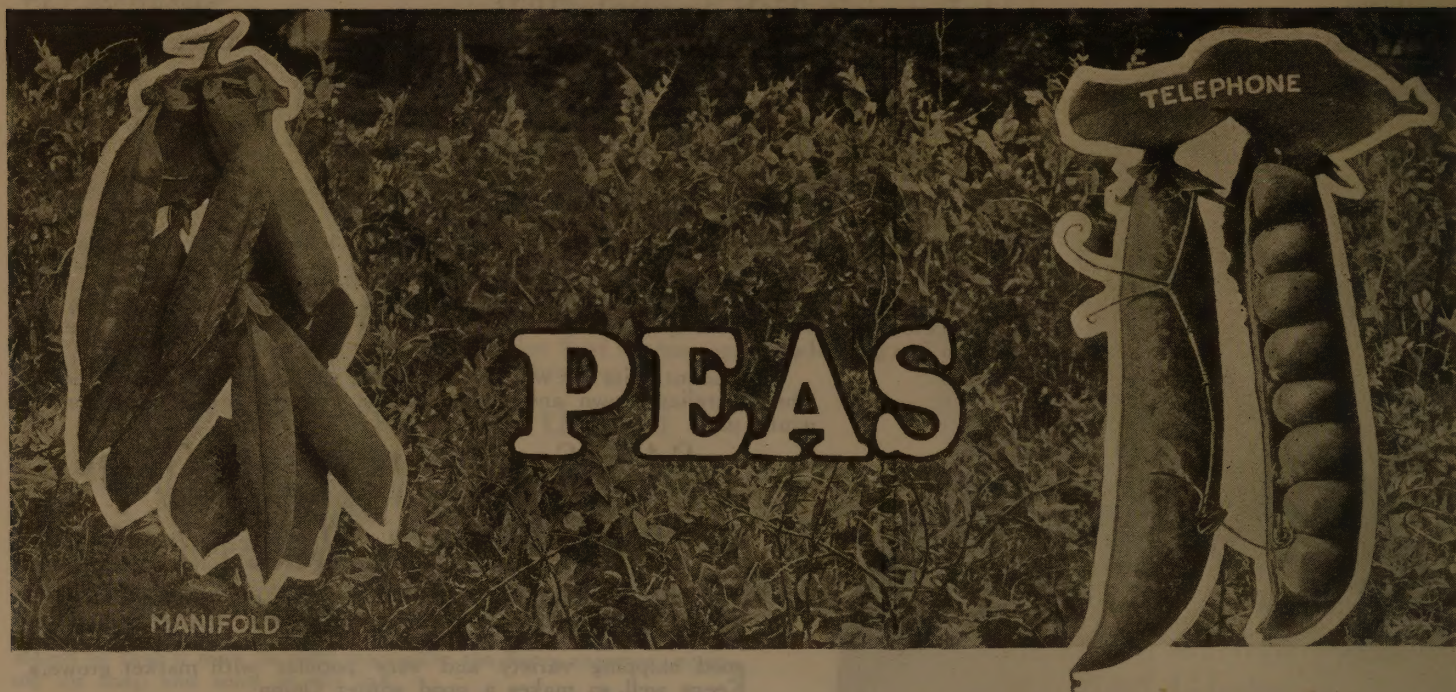
843—Southport White Globe

The Best keeper in White Onions.

Pkt. 10c. Oz. 60c. $\frac{1}{4}$ lb. \$1.75. $\frac{1}{2}$ lb. \$3.00.
1-lb. \$5.00. Postpaid.

Globe shaped of a beautiful waxy appearance, the skin being very thin and a pure paper white color. The flesh is crisp, fine grained and snow white. It is unusually mild in flavor. It ships well and is a good keeper. A beautiful appearing Onion that sells on sight.





Most people relish a dish of fresh green Peas. Picked from one's own garden there is an added appreciation. To really get all the flavor they should be picked as soon as ready, then cooked and served.

Two mistakes are made in sowing Peas. First, if too small a quantity is sown, they are finished too quickly. Second, if too many of one variety are sown they become over ripe before they can be used. To properly take care of the needs of the average family, not less than $\frac{1}{2}$ lb. each of 3 or 4 varieties should be sown, beginning with one or other of the smooth or round seeded varieties, these being hardier than the wrinkled sorts for early planting. A second sowing should be made a week later of such varieties as McKenzie's Manifold, American Wonder or other early dwarf wrinkled type and for main crop a week later, sow Stratagem or Champion of England.

Early Wrinkled Varieties

980—McKenzie's Manifold

Illustrated above

Pkt. 10c. $\frac{1}{2}$ lb. 35c. 1 lb. 60c. Postpaid.

For many years this has been recognized as a standard dwarf marrowfat pea for the West. The haulm grows about one foot in height, is stout and heavy and stands up well without any support. The foliage and pods are medium green in color. The pods average 3 inches long, are round, straight and blunt ended, usually containing 6 light green peas of excellent quality.

984—McLean's Little Gem

Pkt. 10c. $\frac{1}{2}$ lb. 30c. 1 lb. 50c. Postpaid.

This Pea is one of the most popular dwarf varieties for family use. It is a green wrinkled variety of an exquisite buttery flavor. Remains fit for use longer than either American Wonder or Nott's Excelsior. Comes in about three days after the American Wonder and considered by many to be sweeter. Grows about 14 inches high with an abundance of round, well-filled pods about $2\frac{1}{2}$ inches long.

995—Laxton's Superb

Pkt. 15c. $\frac{1}{2}$ lb. 40c. 1 lb. 75c. Postpaid.

Introduced by us this season. We believe this to be one of the best of the dwarf varieties. The pod is large and peas are exceptionally fine flavored. This promises to become one of the most popular varieties of bush peas.

Complete description on Page 41.

983—American Wonder

Pkt. 10c. $\frac{1}{2}$ lb. 30c. 1 lb. 55c. Postpaid.

This variety is better known than any other in Western Canada. Its extreme earliness and dwarf habit, coupled with its delicious flavor, combine to make it a very desirable variety to grow, particularly where the labor and expense of staking is not desired. By sowing at intervals of 10 days a supply can be maintained throughout the season.

985—Nott's Excelsior

Pkt. 10c. $\frac{1}{2}$ lb. 30c. 1 lb. 55c. Postpaid.

Very popular in the West, it stands drought and the ravages of hot drying winds better than most other varieties. Dwarf growing, the vines rarely exceeding 18 inches in length, permitting of close planting in the rows, and obviating the necessity of staking. The pods average three inches in length, straight with blunt ends, well filled, and are borne heavily on the vines. The quality is good.

993—Peter Pan

Pkt. 10c. $\frac{1}{2}$ lb. 35c. 1 lb. 60c. Postpaid.

Introduced by us for the first time in 1920. This pea bids fair to become one of the most useful and popular varieties for Western Canada. It is very early, dwarf growing, heavy cropper, good quality, and is one of the largest podded early varieties in cultivation. The pods are a dark green color and of handsome appearance. We recommend this variety with every confidence, believing it will measure up to every expectation. Height 15 inches.

PEAS

991—Little Marvel

Pkt. 10c. ½ lb. 35c. 1 lb. 60c. Postpaid.

This variety ranks among the newer sorts, having been introduced by us a few years ago. It has well maintained the reputation which induced us to give it a place in our list. It is an improvement on McLean's Little Gem. Early and dwarf growing, the pods are somewhat larger than Nott's Excelsior or American Wonder. The foliage and pods are very dark green. The pods average 3 inches long, nearly round and square ended, usually containing 7 to 8 dark green peas of high quality.

1020—The Sherwood

Pkt. 10c. ½ lb. 35c. 1 lb. 60c. Postpaid.

An early dwarf Pea of excellent merit, growing about one foot high. It was raised and introduced by one of the oldest and most reliable Pea growers in England. Its most distinguishing feature is its heavy cropping quality, the haulm being literally covered with pods containing eight to ten peas of a rich deep green color, of exquisite flavor. Of vigorous constitution, it succeeds well even under very dry conditions. We recommend this variety to our customers with every confidence.

986—Prosperity or Gradus

Pkt. 10c. ½ lb. 35c.
1 lb. 60c. Postpaid.

An old favorite which still retains its popularity. Grows to a height of 2½ feet. Pods are large and for this reason, as well as its earliness, it is a favorite with market gardeners. Pods contain 6 to 8 large, very sweet Peas and are an attractive dark green color. The quality is excellent, but possibly not quite so prolific as some other varieties.



988—First and Best

Pkt. 10c. ½ lb. 30c.
1 lb. 60c. Postpaid

Extra early, smooth Pea,
Pods small. Hardy and pro-
ductive. 2½ feet.

First Early Round or Smooth Seeded Varieties

989—Alaska or Earliest of All

Pkt. 10c. ½ lb. 30c. 1 lb. 50c. Postpaid.

A blue smooth surface Pea, probably the earliest. Grows only 2½ feet high. Pods small, usually containing about 6 peas. Matures very evenly, popular for canning.

994—Eldorado

Pkt. 10c. ½ lb. 35c. 1 lb. 60c. Postpaid.

An early, hardy short strawed variety. Pods about 3 inches long, containing 6 to 8 peas. Can be planted as early as Alaska and matures almost as soon.

Main Crop and Late Varieties

1014—Champion of England

Pkt. 10c. ½ lb. 30c. 1 lb. 50c. Postpaid

A very popular tall growing variety for Western Canada. Grows to a height of four feet. To obtain maximum results it should be provided with rods about six feet in height. The pods are not large, but are produced in abundance, the vigorous haulm being literally covered from top to bottom. The pods are a pale green color and the peas are of excellent quality and flavor.

1015—Duke of Albany

Pkt. 10c. ½ lb. 30c. 1 lb. 50c. Postpaid.

A very large podded, tall growing variety, attaining a height of 3½ feet, and even taller where moisture is abundant. The pods are large size and handsome appearance, eminently suited for exhibition. Unlike other large podded varieties, it produces a heavy crop and is an excellent variety either for home or market use.

1009—Improved Stratagem

Pkt. 10c. ½ lb. 35c. 1 lb. 60c. Postpaid.

The most popular main crop or second early variety used in Western Canada. It grows to a height of two feet, making it much more easily handled where rods are not easily obtained. The haulms are of a branching habit. The seed should be sown rather thinner than other varieties. Grows with unusual vigour and covered from top to bottom with handsome, well filled, deep green, straight pods. The pods grow to a good size, usually containing 8 to 9 fine, large, richly flavoured peas. Highly recommended.

1017—Telephone

See illustration in heading Page 18.

Pkt. 10c. ½ lb. 35c. 1 lb. 60c. Postpaid.

One of the best long straw varieties offered by us and eminently adapted for prolonging the season. It grows to a height of four feet, produces vigorous haulms, which are densely covered with pods of light green color. A heavy cropper of excellent quality, and matures uniformly, permitting of their being all gathered at one time. Splendid for market use. Needs to be well staked when peas are from 4 to 6 inches high.

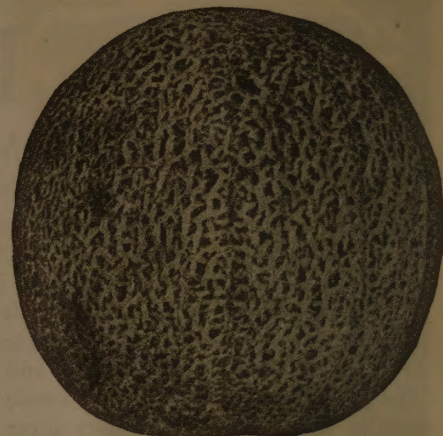
While tall growing varieties require much more attention than the dwarf sorts, they produce so much larger pod and peas that it is quite worth while for those who have the time.

MUSK MELON

or Cantaloupe

It is surprising how many Melons are being grown in Western Canada. The main thing is to plant varieties which will ripen early. If given a good start an abundance of these luscious Melons can be ready for use toward the end of August.

Start the seed inside in small pots and do not set out till the weather is real warm. Seed planted in the open cannot be put in with safety until about May 24th. Some plant the seed in a cold frame and remove all protection when weather is suitable. This saves any disturbance of the roots.



746—McKenzie's Early Leader

The earliest good melon.

Pkt 10c. Oz. 35c. $\frac{1}{4}$ lb. \$1.00 Postpaid.

Introduced by us because of its extreme earliness. Grows to a medium size, oblong in shape, skin of a deep green color, changing to golden at maturity, beautifully netted and slightly ribbed. The flesh is fairly thick and sweetly flavored. If you have failed to ripen other varieties, we recommend you to try Leader.

744—Emerald Gem

One of the best for the home garden.

Pkt. 10c. Oz. 30c. $\frac{1}{4}$ lb. 90c. Postpaid.

An early variety, fruits emerald green in color. Flesh is thick and one of the sweetest grown. This is not a good shipping variety, but extra good for the home garden.

745—Early Hackensack

Good for general use.

Pkt. 10c. Oz. 30c. $\frac{1}{4}$ lb. 90c Postpaid.

Quite a large fruited variety, round with flattened ends. Heavily ribbed and veined. A standard variety of fine quality.

743—Paul Rose

A heavy cropper and a good keeper

Pkt. 10c. Oz. 30c. $\frac{1}{4}$ lb. 90c. Postpaid.

An oblong fruit, deep green in color. Flesh is deep salmon color and quality the best. Seed cavity is quite small. Fruit grows to a fair size.

WATER MELON

771—McKenzie's Extra Early Sugar

Pkt. 10c. Oz. 35c. $\frac{1}{4}$ lb. \$1.00 Postpaid.

One of the most delicious Water Melons ever introduced to Western Canada. Medium size—nearly round in shape. The rind is of a dark green color, flesh is deep pink, quality excellent. If you have been unsuccessful with Water Melons in the past, you will be delighted with this variety.

770—Peerless or Ice Cream

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. Postpaid.

One of the best early varieties for home use. The rind is rather tender and will not stand long distance shipping. The fruits are of medium size, oval in shape, bright green in color, veined with a darker shade. Flesh scarlet, crisp and sweet. Highly recommended.

PARSNIP

Unusually hardy and affected by neither early nor late frosts, Parsnips may be sown early and harvested last. Frost and even freezing improves their flavor and they will be at their best in the early winter months. They require a deep soil.

951—Manitoba Prize Intermediate

Pkt. 10c. Oz. 35c. $\frac{1}{4}$ lb. \$1.00 Postpaid.

Produces a heavy root, short and stumpy. Is easily harvested.

952—Hollow Crown

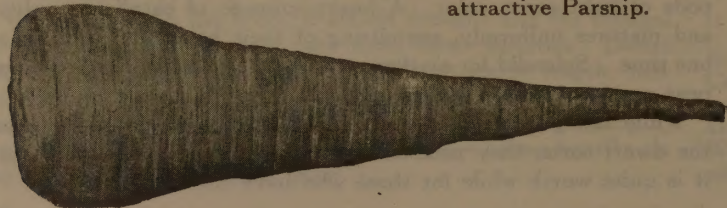
Pkt. 10c. Oz. 30c. $\frac{1}{4}$ lb. 90c. Postpaid.

This is a well known standard variety. Grows about 12 to 15 inches long and is well flavored.

953—Guernsey

Pkt. 10c. Oz. 30c. $\frac{1}{4}$ lb. 90c. Postpaid.

A heavy cropper. Medium in length and fairly broad. A smooth, attractive Parsnip.



PARSLEY

A useful and decorative plant and quite often used as a border around the vegetable garden. It is of value for garnishing and flavoring. A few plants lifted in the fall before freeze-up and set inside, give fresh Parsley all winter.

All Priced at

Pkt. 10c. Oz. 25. $\frac{1}{4}$ lb. 75c. Postpaid.

929—Champion Moss Curled

Very compact. Leaves are densely curled, of attractive dark green color, giving it a moss-like appearance. Ideal for garnishing.

930—Extra Triple Curled

This is a free growing variety with the leaves beautifully curled. Suitable for either garnishing or flavoring.

931—Hamburg or Turnip Rooted

Grown for the roots which are somewhat similar in appearance to Parsnips. Flesh is white and is used entirely for flavoring. Leaves are of no value for garnishing but are equal to the others for flavoring.

PUMPKIN

Grows well in the West. Plant alone, as when allowed to run in Corn or any other crop it does not get sufficient sun to ripen the fruit satisfactorily.

1061—McKenzie's Large Cheese

Pkt. 10c. Oz. 30c. $\frac{1}{4}$ lb. 90c. Postpaid.

The best for general use. A robust grower, it seems to succeed well everywhere. Excellent for canning.

1063—Connecticut Large Field

Pkt. 10c. Oz. 20c. $\frac{1}{4}$ lb. 50c. Postpaid.

Useful alike for cooking or for stock feeding.

1064—Mammoth or Jumbo

Pkt. 10c. Oz. 40c. $\frac{1}{4}$ lb. \$1.25 Postpaid.

The largest variety grown. Fruit round and flattened, slightly ribbed. Flesh bright yellow and very thick.



1062—Small Sugar

Pkt. 10c. Oz. 30c. $\frac{1}{4}$ lb. 90c. Postpaid.

Fruit small and round, flattened at ends. Skin and flesh deep orange yellow. High quality.

The easiest crop to grow and probably as well liked as any vegetable. Radish should be used while crisp and tasty as they quickly become pithy after reaching a certain stage of growth.

As they grow so quickly it is quite an advantage at times, especially if cramped for garden space, to grow them between the rows of some slower growing crops like Carrots or Parsnips.

RADISH

See Page 22 for Illustrations.

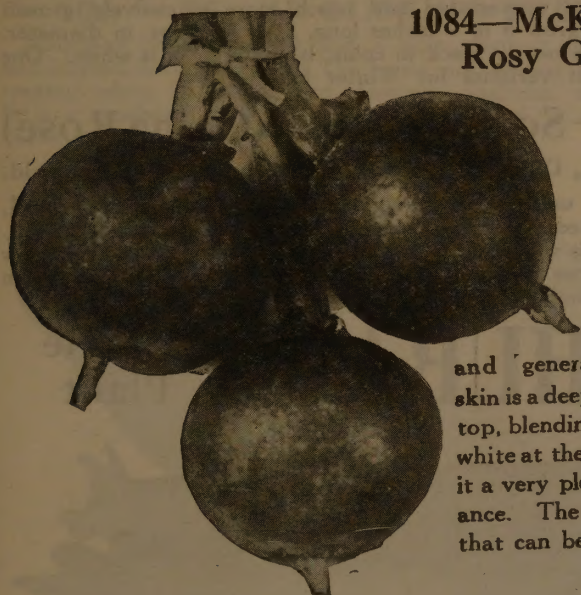
Early Round or Turnip Shaped Varieties

1084—McKenzie's Rosy Gem

Pkt. 10c.
Oz. 30c.
 $\frac{1}{4}$ lb. 90c.
1 lb. \$2.20
Postpaid.

An excellent variety both for forcing

and general use. The skin is a deep scarlet on the top, blending gradually to white at the bottom giving it a very pleasing appearance. The quality is all that can be desired.



1085—Scarlet Globe Forcing

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. 1 lb. \$2.00. Postpaid.

Fine globe shape of striking crimson color, grows very small tops and exceptionally rapid. The flesh is crisp and tender, and being of a fine white color it is popular as a market variety. Flavor mild and delicious.

1088—Early Scarlet Turnip White Tipped

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. 1 lb. \$2.00. Postpaid.

It is a very quick grower, being usually ready for the table within 20 to 25 days from the date of sowing. Perfectly globe-shaped, the upper portion being an intense rosy crimson shading to white at the bottom. The flesh is a pleasing white color, while the flavor leaves nothing to be desired.

1091—Saxa

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. 1 lb. \$2.00. Postpaid.

We believe this to be the best variety in for forcing. A beautiful round shape, bright scarlet color and smallest possible tops, combine to make this all that can be desired for forcing for market use.

1086—Non Plus Ultra

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. 1 lb. \$2.00. Postpaid.

The skin is a beautiful attractive, bright red color; owing to this particular feature, it is sometimes known as Fireball. The flesh is a fine sparkling white, crisp, fine grained and solid. It is globe shaped. As well as being an ideal variety for ordinary garden use, it is also a splendid forcing variety, and for this reason is very popular with market growers. It is a rapid grower and the tops are small. One of the best for successional sowings.

1087—Early Scarlet Ball or Turnip

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. 1 lb. \$2.00. Postpaid.

An old standard variety. One of the best for general use, quick grower, flesh tender and crisp. Should be used as soon as mature. Popular alike for home or market garden or for forcing.

1089—Early White Globe

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. 1 lb. \$2.00. Postpaid.

An old well known variety. Both skin and flesh are a beautiful clear white, while the quality is strictly first class.

Early Olive or Oval Shaped Varieties

1119—French Breakfast

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. 1 lb. \$2.00. Postpaid.

Of oblong or oval shape, beautiful rosy-carmine color with white tip. The flesh is crisp, tender and beautifully white. A rapid grower, useful alike for forcing in frames or sowing out-doors. One of the most popular varieties in Western Canada. Our strain has been carefully selected and is second of none.

1120—Scarlet Olive Shaped

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. 1 lb. \$2.00. Postpaid.

Quick grower, color fine bright scarlet with clear white flesh. Useful general purpose variety.

Read Carefully Colored Section Pages 41 to 48.

RADISH (Continued)

1167—McKenzie's Family Mixture

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. 1 lb. \$2.00 Postpaid.

This is a mixture of the round, oval and long shaped varieties, and for small gardens is really the most economical way to sow. Not only is a large assortment available, but owing to the mixture containing early, medium and late varieties, a succession is maintained.

Long-Shaped Varieties

The long-shaped varieties, while usually later than the round and olive shaped varieties are valuable as a succession crop. Are excellent quality, give a much heavier yield, and remain longer in fit condition for use.

1123—Icicle

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. 1 lb. \$2.00 Postpaid

The earliest long white sort, very popular with growers in the West. Grows about six inches long, a beautiful transparent white. Very crisp and brittle—excellent quality. If you have not tried this before we heartily recommend you to do so. Remains in good condition even when very large.

1090—White Strasburg

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. 1 lb. \$2.00 Postpaid.

The enormous size and pure white color of this variety cannot be adequately conveyed by an illustration and it is really only after they have been cut in two that their real merit is revealed. The flesh is firm, juicy and of delicious flavor. Does best planted late for summer use.

1121—Chartier

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. 1 lb. \$2.00 Postpaid.

Grows a very handsome root seven to eight inches long, pinkish scarlet at the top, shading to white at the tip. The quality is excellent and it remains fit for use for a long time. Not recommended for early spring planting—sow about June 15th.

1122—Wood's Early Frame

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. 1 lb. \$2.00. Postpaid.

The earliest of the long shaped sorts. Skin bright scarlet, small tops, useful alike for forcing or general use. Tender, crisp and delicate flavor.

1125—White Vienna or Lady Finger

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. 1 lb. \$2.00. Postpaid

An early maturing, long white variety. The roots are usually six to seven inches long, white, slender and smooth. Grows well above ground, excellent quality.

Fall or Winter Varieties

1149—Black Spanish—Round

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. 1 lb. \$2.00 Postpaid

Similar in every respect to the long variety except the shape of the root which is a roundish oval.

1148—White Chinese or Celestial

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. 1 lb. \$2.00 Postpaid.

The roots grow 6 to 8 inches long, thick, cylindrical and smooth. The skin and flesh are pure white. It is not so pungent as the other Winter varieties and for this reason is preferred by many.



Fall or Winter Varieties

(Continued)

1147—Black Spanish Long

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. 1 lb. \$2.00 Postpaid.

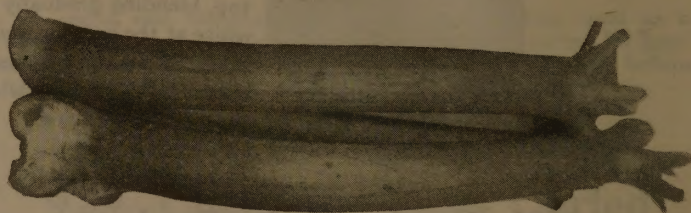
The usefulness of this variety only needs to be better known, to be more appreciated and much more extensively grown. The roots grow 8 to 9 inches long, 2 to 3 inches in diameter. The skin is nearly black in color, but the flesh is white. One of the best varieties for Winter keeping.

1145—Scarlet China (China Rose)

Pkt. 10c. Oz. 25c. $\frac{1}{4}$ lb. 75c. 1 lb. \$2.00 Postpaid.

A very useful Winter variety. The roots are cylindrical, stump rooted. The skin is a deep rose color, smooth and bright. The flesh is white, crisp and pungent. The roots usually grow 4 to 5 inches long and 2 inches thick. Keeps in good condition right through the Winter.

RHUBARB or Pie Plant



In Western Canada Rhubarb can be raised very easily and quickly from seed. In view of its ease of culture, its health-giving value and the variety of uses to which it can be put, it should be much more extensively grown. It requires little space to grow. It is ready for use very early in the spring and if any surplus is canned it will keep well even through the winter. Delicious when canned with strawberries, solanberries or other richly flavored berries.

1187—Victoria

A "Strawberry" Rhubarb

Pkt. 10c. Oz. 50c. $\frac{1}{4}$ lb. \$1.50 Postpaid.

One of the best varieties for the West. Stalks grow to a large size, beautiful red color, excellent quality.

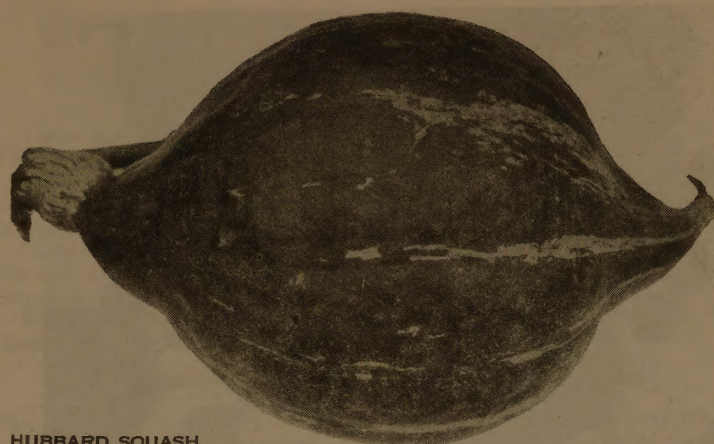
SQUASH

The growing of Squash in Western Canada is becoming more popular; this is not to be wondered at in view of their ease of culture and their usefulness both for Summer and Winter use.

1248—Hubbard

Pkt. 10c. Oz. 35c. $\frac{1}{4}$ lb. \$1.00. $\frac{1}{2}$ lb. \$1.65. Postpaid.

We believe this to be the best winter cooking variety in cultivation. The shell is a dark bronze green; the flesh is a bright orange yellow, fine grained, thick and dry.



HUBBARD SQUASH

1237—Early Orange Marrow

Pkt. 10c. Oz. 35c. $\frac{1}{4}$ lb. \$1.00. $\frac{1}{2}$ lb. \$1.65. Postpaid.

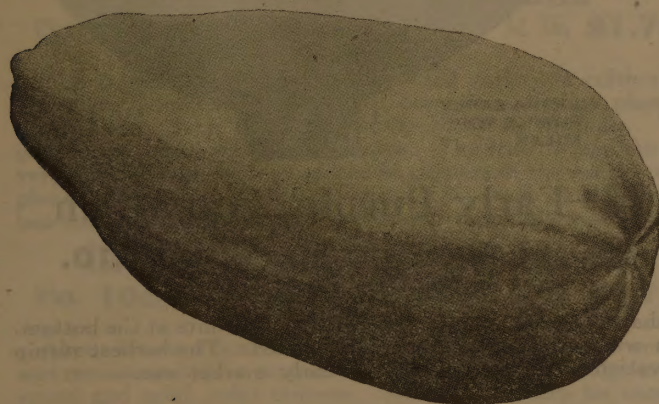
The earliest of the Marrow Squashes, growing to a fair size. The color is a bright orange red. Exceptionally good keeper, being frequently kept right into the following Summer. We recommend this as being the best variety for the West.

1268—Vegetable Marrow

English Long White Bush

Pkt. 10c. Oz. 35c. $\frac{1}{4}$ lb. \$1.00. $\frac{1}{2}$ lb. \$1.65. Postpaid.

This is an English variety, and is quite distinct in both growth and formation of the fruit. The fruits are oblong in shape and creamy white in color. Its cooking qualities are excellent. It is a consistent and abundant cropper and a very popular variety.



ENGLISH LONG WHITE
VEGETABLE MARROW

SALSIFY

or Vegetable Oyster

The value of the roots, as an addition to soups and stew, is not half appreciated. The flavor resembles the Oyster. May be used alone, boiled or sliced and fried.

1197—Mammoth Sandwich Island

Pkt. 10c. Oz. 40c. $\frac{1}{4}$ lb. \$1.25. Postpaid.

Grow to a large size, pure white color, splendid flavor.

Other Varieties of Squash

All priced at: Pkt. 10c. Oz. 30c. $\frac{1}{4}$ lb. 90c.
 $\frac{1}{2}$ lb. \$1.50. Postpaid.

- 1240—EARLY YELLOW BUSH SCALLOP. An early variety, with flat, round scalloped fruit; skin deep yellow; flesh pale yellow color.
- 1241—EARLY WHITE BUSH SCALLOP. Similar to above, but with creamy-white skin.
- 1242—CROOKNECK. Splendid sort, early, productive and fine quality.
- 1243—PERFECT GEM. Nearly round, four to six inches in diameter; prolific; skin creamy-white; flesh white-grained.
- 1244—BOSTON MARROW. Large oval fruit; skin bright orange; flesh orange, fine-grained and excellent quality.
- 1245—FORDHOOK. It ripens early and is one of the best keepers we know of; very prolific, flesh thick, straw-colored.
- 1246—GOLDEN HUBBARD. Bright, deep orange-yellow; fine-grained, cooks very dry, and of excellent flavor; prolific and a good keeper.
- 1247—CHICAGO WARTED HUBBARD. Extra choice variety; delicate, sweet flesh; not so thick as the old Hubbard.

Spinach

A quick growing vegetable used for "greens". Must be supplied with lots of water, otherwise will soon run to seed. Requires rich soil.

1217—Curled-Leaved Savoy or Bloomsdale

Pkt. 10c. Oz. 15c. $\frac{1}{4}$ lb. 35c. Postpaid.

The plant is of upright growth. Leaves are of medium size, the lower ones rounded while the upper leaves become pointed. The leaves are crumpled and blistered like a Savoy Cabbage and are a glossy medium green.

1218—Long-Standing Round Seeded

Pkt. 10c. Oz. 15c. $\frac{1}{4}$ lb. 35c. Postpaid.

Not such a rapid grower as the preceding, but remains longer fit for use, not being so liable to run to seed. The plant grows to a large size. The leaves are arrow-shaped, nearly smooth and of a dark green color.

1219—Victoria

Pkt. 10c. Oz. 15c. $\frac{1}{4}$ lb. 35c. Postpaid.

Grows very dwarf, in appearance like a flat rosette. Leaves are large, thick and much wrinkled, dark green in color. Stands hot weather well, and is slow to run to seed.



SOLANBERRY

GARDEN TURNIP

The real value of the small Garden Turnips is their earliness. If grown quickly they are exceptionally well flavored and tasty. They require plenty of moisture and should be used as soon as mature.

The Yellow Turnips, called Swede Turnips or Rutabagas, are later but are fine flavored and can be used when quite small. They are best in the late fall and winter. No trouble will be experienced in keeping these varieties right through the winter and they provide a welcome and wholesome change of diet.

1335—Early Snowball

Pkt. 10c. Oz. 20c. $\frac{1}{4}$ lb. 50c. $\frac{1}{2}$ lb. 85c.
1 lb. \$1.50. Postpaid.

Globe shaped, pure white, solid flesh, of superior flavor. A distinct and beautiful turnip of remarkably quick growth.

1336—Golden Ball or Orange Jelly

Pkt. 10c. Oz. 20c. $\frac{1}{4}$ lb. 50c. $\frac{1}{2}$ lb. 85c.
1 lb. \$1.50. Postpaid.

Not so early as Snowball or Milan, but comes in immediately after, and is valuable for succession. Beautiful round shape of medium size. Skin and flesh golden yellow, nicely flavored

Swede Turnip For Table Use

1468—McKenzie's Northwestern Purple Top

Pkt. 10c. Oz. 15c. $\frac{1}{4}$ lb. 35c. $\frac{1}{2}$ lb. 60c.
1 lb. \$1.00. Postpaid.

A large Turnip, hardy and of finest quality. Flesh golden yellow in color and very mild. We heartily recommend this variety for table or stock feed.

1471—Breadstone Green Top

Pkt. 10c. Oz. 15c. $\frac{1}{4}$ lb. 30c. $\frac{1}{2}$ lb. 55c.
1 lb. \$1.00. Postpaid.

Very popular for table use. Does not grow too large but is an excellent keeper.

SOLANBERRY

The Greatest Fruit Berry of the West.

In Sealed Packets 15c. each.

Such a limited number of small fruits can be successfully cultivated in the Canadian West it is only natural that an easily grown, hardy berry such as this would be greatly in demand. The Solanberry has proven its value over several seasons and its adaptability to our climate is assured.

Its hardiness is a splendid feature. It will withstand frost to a remarkable degree and continues bearing after all other vegetables are cut down. This ensures it ripening almost all of the berries, thus making it a very heavy yielder.

The first ripe fruits are usually ready about the middle of August and the plants will continue to bear until late in October. The fruit is blue black in color about the size of a big black currant and filled with green pulp. They can be used in many ways—suited for Jam, Jelly, Marmalade, Preserves, etc.

A carefully compiled leaflet of recipes for cooking the Solanberry is supplied free on request.

EXTRA EARLY
PURPLE TOP
MILAN

1337—Early Purple Top Milan

Pkt. 10c. Oz. 20c. $\frac{1}{4}$ lb. 60c. $\frac{1}{2}$ lb. \$1.10.
1 lb. \$2.00. Postpaid.

Flat-shaped turnip, purple top, shading to white at the bottom. Flesh is white, tender and smooth grained. The earliest turnip in cultivation—an ideal variety for early market use.

TOBACCO

Requires a finely worked and clean seed bed. Start the seed inside and transplant the last of May or early in June when the weather is warm and settled. Keep well cultivated.

It is surprising the growth this will attain. In Manitoba the leaves will reach three or four feet in length. Should be taken in for drying before killing frosts arrive. Tobacco will stand a little more frost than Tomatoes.

1325—Connecticut Seed Leaf

Pkt. 10c. $\frac{1}{2}$ Oz. 60c. 1 Oz. \$1.00.
Postpaid.

The best variety for Western Canada. Grows a large leaf of good quality and will be mild when cured.

MCKENZIE'S
FIRST OF ALL**1308—Princess Mary** THE NEW
TOMATO

This is that new Tomato—Princess Mary.

Our tests during the past season abundantly support the remarkable claims already published concerning this splendid new Tomato. Then, too, the many customers to whom we supplied seed in the spring of 1922 are unanimous in their testimony regarding its admirable qualities.

For full description and illustration see page 41. Be sure to include a packet in your order.

Sealed Packets **25c.** each**1300—Spark's Earliana**Pkt. **10c.** ½ Oz. **35c.** Oz. **60c.** ¼ lb. **\$1.75.**
Postpaid.

This is, perhaps, the most widely used variety in cultivation. Wherever Tomatoes are grown it occupies a leading place for general use. It is next to Princess Mary in earliness. Very productive, considering its earliness. The fruit is medium size, very smooth and solid, produced in clusters in the centre of the plant. The color is bright scarlet. Our stock of this variety has been carefully selected and is an unrivalled strain.

1299—Chalk's Early JewelPkt. **10c.** ½ Oz. **35c.** Oz. **60c.** ¼ lb. **\$1.75.**
Postpaid.

About ten days later than "First of All", but a heavier cropper and recommended for succession. The fruit is uniformly smooth, round and solid, color crimson. An "A1" variety for canning.

1301—Early Atlantic or RubyPkt. **10c.** ½ Oz. **35c.** Oz. **60c.** ¼ lb. **\$1.75.**
Postpaid.

By many this is considered to be the best variety for the West, and we recommend it to those who have tried other varieties and have not been satisfied. Early, good cropper and excellent quality, it possesses all the characteristics necessary for success in the West. Useful alike for home or market garden use.

1307—Golden YellowPkt. **10c.** ½ Oz. **35c.** Oz. **60c.** Postpaid.

As easily grown and as heavy a cropper as any of the red varieties. Its beautiful golden yellow skin and flesh render it quite unique and attractive. Its freedom from acid enables many to enjoy Tomatoes who were unable to do so owing to the acidity of the red varieties. Very attractive when sliced and served with red Tomatoes. This is not a standard sort but its chief value is as a novelty.

TOMATO

There is a great deal of satisfaction in raising a few Tomatoes. They require a little care at the start but well repay any extra labor. Plants should be started inside and transplanted into the open towards the end of May. Ripe fruit should be ready by the end of August.

Plants tied up to stakes seem to give best results. Pinch off the top of the vines about the middle of August—all growth and development will then be forced on the fruit already set.

When frost threatens, all Tomatoes should be picked—many will ripen inside and any green ones remaining make delicious pickles.

1298—McKenzie's First of AllPkt. **10c.** ½ Oz. **40c.** Oz. **75c.** ¼ lb. **\$2.00.** Postpaid

This variety is aptly named, as it is one of the earliest to produce ripe fruits. Not only is it extremely early, it is also a heavy cropper and of excellent quality. Produces large clusters of smooth skinned, well shaped, medium sized fruits.

1306—AlacrityPkt. **10c.** ½ Oz. **35c.** Oz. **60c.** ¼ lb. **\$1.75.** Postpaid

This variety is the result of a selection made at the Central Experimental Station, Ottawa, so that from first to last it is distinctly a Canadian production. After a fair trial all over the West during the past several years it has demonstrated excellent merits. Being early, a good cropper and first rate quality, it has proven a popular sort.

Small Fruited Varieties

The small fruited Tomatoes are quite valuable for preserves or pickles. Plants should be handled like the ordinary Tomatoes and set out about the same distance apart. Even a few plants will give a considerable yield and we suggest that you try one or more of these varieties if you can possibly spare the room.

Price of these varieties—

Pkt. **10c.** ½ Oz. **60c.** Oz. **\$1.00.** Postpaid.

1305—STRAWBERRY or GROUND CHERRY (GOLDEN HUSK). Very easily grown, hardier than the ordinary type. The fruit is enclosed in a husk or calyx. They grow a small sized fruit about one inch in diameter, and are very sweet. For preserves they are much appreciated, and they also make delicious pies.

1302—RED CHERRY. A small growing, early variety. Fruits about the size of a cherry. Very useful for preserves.

1304—RED PEAR SHAPED. Fruit is bright red, perfect pear shape. Very thin skin. Excellent flavor and ideal for preserves.

1303—YELLOW PLUM. The average size of the fruits is two inches in length and one inch in diameter. The color is a bright lemon. Useful for preserving.



EARLIANA



Stock of all kinds, cattle, sheep, swine—need a root ration during the winter to keep them in the best condition. Cows give more milk—cattle fatten better—hogs and sheep come through the winter better. During our long winter seasons this is a necessity.

There practically are only two ways in which this can be secured—by silage and by feeding root vegetables.

Mangels or Sugar Beets, Swede Turnips and Carrots are the roots which give the best results. Every farmer should plant an ample acreage of these crops. Not only do the stock relish them, but they are excellent appetite stimulators as well and any dry feed is returned to with greater appreciation.

The food value of these crops is exceedingly high. In fact, for every dollar invested in seed and labor in root crops, the food value returned is greater than from any other crop.

When root crop rations are included in the winter list it will be noted that there is less undigested feed in the droppings. This means that all food is completely digested and the utmost value obtained from it.

It is a noteworthy fact that almost without exception the farmers who come direct from European countries devote ample space to root crops for stock feeding. Plan to put in several acres in root crops this year.

MANGEL

Considering their value for feed there is practically no crop which will give as large returns as Mangels. They do exceptionally well in Western Canada, are easily stored and are relished by all stock. The outlay for seed is trifling as 4 to 6 lbs. is quite sufficient for an acre.

Mangels make an ideal feed for dairy cows. Denmark is known as probably the greatest dairying country and controls many of the world markets for dairy products. The dairy stock there is dependent on Mangels, Turnips and Carrots.

Try an acre this year—you will have one of the best crops as regards feeding value that you have ever harvested.

1441—McKenzie's Eclipse

$\frac{1}{4}$ lb. 30c. $\frac{1}{2}$ lb. 45c. 1 lb. 75c. Postpaid.

We cannot speak too highly of this excellent Mangel. It is tankard shape, growing well out of the ground so that it is comparatively easily harvested. The roots are of a deep orange color. The flesh is of excellent quality, and as a cropper it is without a peer.

1442—McKenzie's Manitoba Giant Yellow

$\frac{1}{4}$ lb. 30c. $\frac{1}{2}$ lb. 45c. 1 lb. 75c. Postpaid.

This is a selection from the Intermediate Gate-post type, produces enormously heavy roots, growing about two-thirds out of the ground, rendering harvesting easy. The skin is a rich golden yellow. The flesh is white, firm and sweet in flavor and highly esteemed for its feeding qualities. The stock has been bred and selected, so as to produce the highest possible food value. A splendid variety.



McKENZIE'S PEERLESS

The best seed is necessary—It costs no more than poor seed to insure a full crop of big food value.

1440—McKenzie's Peerless

$\frac{1}{4}$ lb. 30c. $\frac{1}{2}$ lb. 45c. 1 lb. 75c. Postpaid.

This variety is of the Intermediate type, does not grow quite so large as Manitoba Giant and may be planted closer in the rows. The roots contain a higher percentage of dry feeding matter than almost any other variety. Grows well above the ground, easily harvested. Reddish yellow in color. Keeps well, and is much relished by all kinds of stock.

1443—Giant Long Red

$\frac{1}{4}$ lb. 25c. $\frac{1}{2}$ lb. 40c. 1 lb. 70c. Postpaid.

The Long Red Mangel is quite distinct from all other sorts. It grows larger, producing a much heavier weight per acre. Our strain has been very carefully selected with a view to producing well shaped, broad shouldered roots, free from coarseness and with small tops. It is exceedingly popular with stock raisers throughout the West. We recommend it very highly believing it will measure up to every expectation.

1447—Giant Yellow Globe

$\frac{1}{4}$ lb. 25c. $\frac{1}{2}$ lb. 40c.
1 lb. 70c. Postpaid.

A tapering globe shape root growing to an enormous size. Remarkably good keeper. Golden yellow in color; flesh white and crisp. The quality is excellent and it is greatly relished by all kinds of stock.

MANGEL

1448—Prizetaker Yellow Globe

$\frac{1}{4}$ lb. 25c. $\frac{1}{2}$ lb. 40c. 1 lb. 70c. Postpaid.

Our strain of this well known variety is unexcelled. It is a heavy cropper. Unusually fine quality, wholesome and nutritious. Grows well above ground, easily harvested. The skin is a fine golden yellow color; the flesh a sparkling white, crisp and sweet. One of the best all round varieties for the West.

1445—Yellow Intermediate or Gatepost

$\frac{1}{4}$ lb. 25c. $\frac{1}{2}$ lb. 40c. 1 lb. 70c. Postpaid.

One of the best Mangels grown. It is an enormous yielder. Growing well out of the ground it is easily harvested and this means a saving of considerable labor. Its feeding qualities are unsurpassed, being wonderfully rich and nutritious. The color of the skin is a rich golden yellow, while the flesh is a creamy white. It grows to a large size but on account of its shape does not require as much space in the row as some other varieties.

This is one of the most popular varieties we list and we recommend it highly.

Sugar Beet—Half Sugar Mangel

Two Great Sugar Beets for Stock Feeding

Sugar Beet differs from Mangel, being much sweeter and more nutritious. The yield, however, is somewhat lighter; what the beet loses in yield it easily makes up in Saccharine (sugar). Plant a little closer than Mangels as Sugar Beets lose some of their feeding value when allowed to grow too large. To obtain best results only first class pedigree stocks of seed should be used.

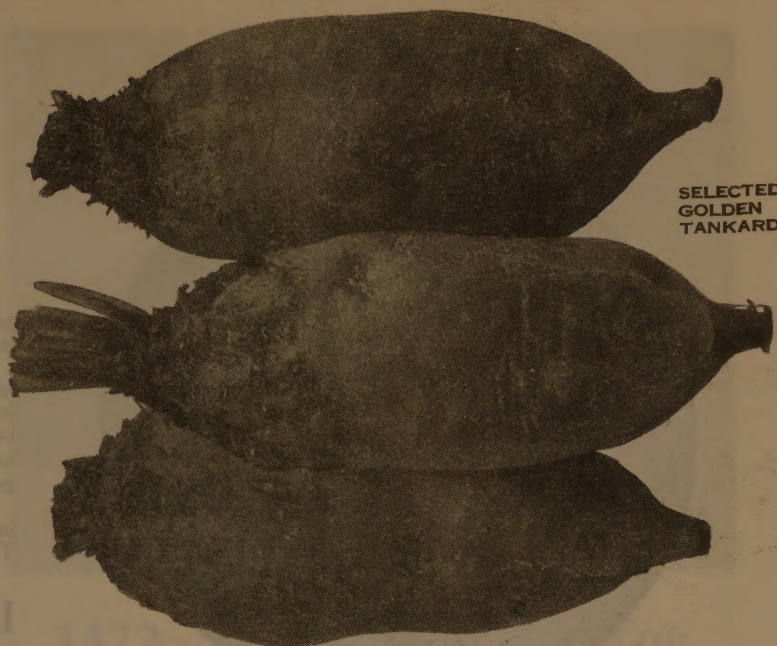
1429—McKenzie's Giant Rose

$\frac{1}{4}$ lb. 25c. $\frac{1}{2}$ lb. 40c. 1 lb. 70c. Postpaid.

The merits of this well known Sugar Beet are fully appreciated by those who have used it. It grows to a fair size, produces a heavy yield per acre and growing well out of the ground it is easily harvested. Its most salient feature, however, is its high feeding value, having been bred and selected for years with a view to improving this feature. We feel that we cannot too strongly recommend this excellent variety for dairymen, and in fact to all interested in stock feeding. It is unsurpassed.



McKENZIE'S
GIANT ROSE



SELECTED
GOLDEN
TANKARD

1444—Selected Golden Tankard

$\frac{1}{4}$ lb. 25c. $\frac{1}{2}$ lb. 40c. 1 lb. 70c. Postpaid.

Roots of this variety can be grown closely together, produce unusually heavy crops and can be easily harvested. The color of the rind is a deep reddish orange, and the flesh is yellow. Our stock has been selected and reselected for years, and has been so improved as to have scarcely anything in common with the ordinary types of this variety. Rich in saccharine it has no rival for feeding among other Mangel varieties. Much relished by cattle. Keeps well throughout the winter.

1430—McKenzie's Monarch (White)

$\frac{1}{4}$ lb. 25c. $\frac{1}{2}$ lb. 40c. 1 lb. 70c. Postpaid.

This variety is in many respects the counterpart of Giant. It is quite distinct in appearance being white skinned with a greenish top. The quality is of the very best. Roots grow to a remarkable size and are quite free of fibrous roots. This is quite an advantage in storing as they go into the pits or root cellar clean and dry.

BEETS FOR SYRUP OR SUGAR

Sugar Beets grow well in all sections of Western Canada and a very fine syrup for domestic use can be secured by boiling them down. If the growing of this crop becomes general, the introduction of sugar refineries is more likely to follow.

1432—Klein Wanzleben

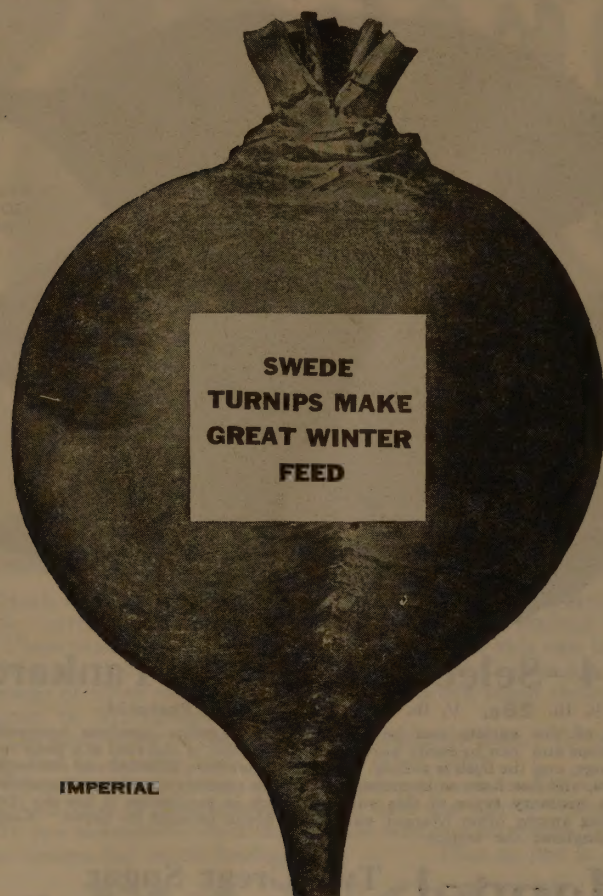
For Sugar Production

$\frac{1}{4}$ lb. 30c. $\frac{1}{2}$ lb. 50c. 1 lb. 80c
Postpaid

This variety is not suited for stock feeding but is one of the best for manufacture of sugar. It can be grown successfully anywhere in the West and will respond to the same treatment as practised in growing the stock feeding varieties.

By a simple process a syrup is obtained which can be used in place of sugar for cooking. A bushel of roots should produce about four quarts of syrup.

Did you ever grow Sunflower for Silage? See Page 57



IMPERIAL

1469—Imperial

$\frac{1}{4}$ lb. 30c. $\frac{1}{2}$ lb. 55c. 1 lb. \$1.00. Postpaid.

While this variety is well adapted for general use, we recommend it more particularly as a late keeper. Perfectly round in shape, it grows hard and firm and will keep well until the following June. Our stock is a pedigree strain, bred with a view to particularly improve the feeding quality. The flesh is exceptionally fine and sugary, intensely fattening and nourishing, mild in flavor and solid. Second to none for table use.

1476—Kangaroo Green Top

$\frac{1}{4}$ lb. 30c. $\frac{1}{2}$ lb. 55c. 1 lb. \$1.00. Postpaid.

Noted for its heavy yielding and general good quality. In shape similar to Monarch, but grows a bronze-green tip. The roots are tankard shaped and keep well. It is particularly suitable for the Prairie Provinces. The yield is heavy and the feeding value excellent.

1475—Hall's Westbury

$\frac{1}{4}$ lb. 30c. $\frac{1}{2}$ lb. 55c. 1 lb. \$1.00. Postpaid.

Our stock of this old and well-known variety is an excellent one. Of round shape, growing to a large size, of excellent feeding and keeping qualities. A variety that will give satisfaction wherever tried.

1480—White Swede

$\frac{1}{4}$ lb. 30c. $\frac{1}{2}$ lb. 55c. 1 lb. \$1.00. Postpaid.

Quite distinct from other varieties inasmuch as the flesh is white. Grows to a moderate size. Keeps unusually well. Particularly recommended for table use.

SWEDE TURNIP or Rutabaga

One of the best winter feeds is Swede Turnip. They are easily grown and the thinning is usually done when other work on the farm is light.

The area devoted to root crops is steadily on the increase. The farmer who has plenty of roots for winter feed, either Turnips Mangel, Sugar Beet or Carrot, will bring his stock through in the best of condition. Fed with ration of cut sheaves, digestive troubles are practically unknown and young stock keeps growing and in good flesh.

McKenzie Swede Turnips are selected strains and will produce large, smooth roots, remarkably free of tap roots and fibrous growth. They keep unusually well.

1468—McKenzie's North Western

The Leading Purple Top Variety in Western Canada.

$\frac{1}{4}$ lb. 35c. $\frac{1}{2}$ lb. 60c. 1 lb. \$1.00. Postpaid.

One of the best and most profitable Swede Turnips. Is very hardy, produces an enormous crop, is of highest quality and grows clean. Is a fine globe shape. Flesh is yellow and of wonderfully mild flavor. Will keep for months. Our stock of this variety is unequalled. If you are growing a small lot for table use or several acres for your stock you cannot get a better Turnip than this variety.

1474—Monarch or Elephant

$\frac{1}{4}$ lb. 30c. $\frac{1}{2}$ lb. 55c. 1 lb. \$1.00. Postpaid.

A perfectly distinct type of Rutabaga, being oblong or tankard shaped. The heaviest cropping variety in cultivation. Does not keep so well as the other varieties offered by us, and in consequence is recommended more particularly for early use. The bulb extends well above the ground and is easily harvested. The skin is a purple color, giving the roots a nice appearance. Short neck, short tops, and clean shaped roots with flesh of a fine grained nature, provide a combination which results in an ideal type of Swede or Rutabaga.

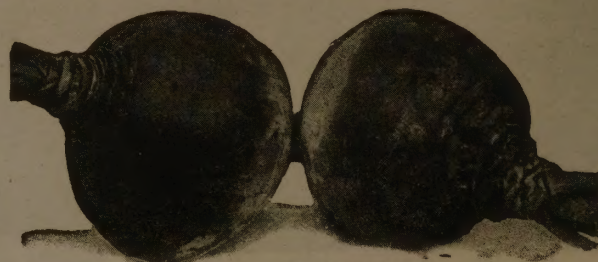
1470—Bangholm

A Variety that has been Popular for Many Years.

$\frac{1}{4}$ lb. 30c. $\frac{1}{2}$ lb. 55c. 1 lb. \$1.00. Postpaid.

It must be over a century ago since it was first placed on the market in the old land. Represents a striking example of the possibilities of constant and careful selection. Succeeds uniformly well under many different conditions and over a wide area.

Grows to a large size, and keeps well. Skin is yellow, shading to purple at the top. Flesh a yellowish color, fine in texture, firm, solid, and mild in flavor. Not only valuable for stock-feeding but excellent for table use.



BANGHOLM

Roots make good winter feed for Poultry.

SWEDE TURNIP

or Rutabaga

1473—Universal Purple Top

A meritorious variety.

$\frac{1}{4}$ lb. 30c. $\frac{1}{2}$ lb. 55c. 1 lb. \$1.00. Postpaid.

This is a standard variety and is known and grown in almost all countries. In some sections of Canada is also known as "Canadian Gem" or "Century". It withstands extremes of temperature wonderfully well and produces large, clean, shapely roots of uniform size. Is of excellent feeding quality and highly relished by all kinds of stock. An excellent serviceable variety.

1471—Breadstone Green Top

A fine table Turnip.

$\frac{1}{4}$ lb. 30c. $\frac{1}{2}$ lb. 55c. 1 lb. \$1.00. Postpaid.

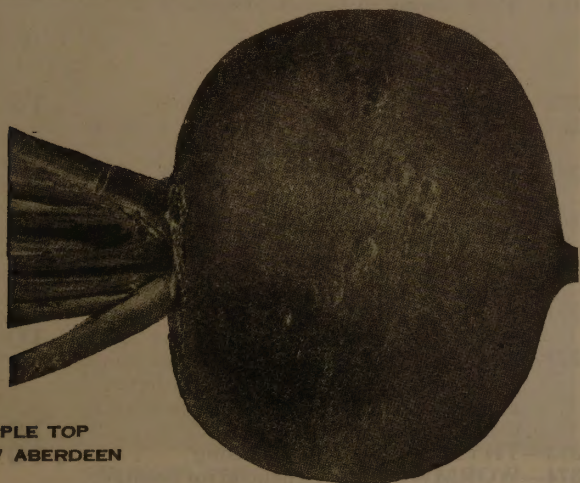
Breadstone is hard to beat for Western cultivation. It is a variety different from any other type and its robustness makes it peculiarly suitable to our climate. It is an excellent Swede for table use, which alone is a weighty consideration to busy farmers who can ill-afford the time to plant the garden sorts. Added to this is another distinctive feature—its long-keeping qualities for which it is known and appreciated. The roots are strikingly attractive and possess very little neck. The flesh is white, solid, delicious and mild flavor. As a cropper it can always be depended upon to produce large and profitable yields.

1499—Purple Top Yellow Aberdeen

A Scottish Introduction of Great Merit.

$\frac{1}{4}$ lb. 30c. $\frac{1}{2}$ lb. 50c. 1 lb. 90c Postpaid.

A round, medium sized, late-maturing, yellow fleshed turnip, with yellow roots and purple top. Very tender and sweet. It is hardy, productive and valuable for all kinds of stock. As it takes longer to mature than the white-fleshed types the seed should be sown ten to fourteen days earlier. Highly recommended. One of the best Fall Turnips.



PURPLE TOP
YELLOW ABERDEEN



SUPERLATIVE SWEDE TURNIP

1472—Superlative Purple Top

The Dairymen's Swede

$\frac{1}{4}$ lb. 30c. $\frac{1}{2}$ lb. 55c. 1 lb. \$1.00 Postpaid.

A very heavy cropper. One of the most hardy and disease-resisting sorts in cultivation. Grows freely in all kinds of soil. Of mild flavor, firm flesh and robust growing habit. Very rich in sugar and a long keeper. Of the purple top variety, it has much the same habit of growth but more oval in shape than McKenzie's Northwestern. In color it is a rich yellow with the genuine Rutabaga flesh. A selection that is especially valuable to the dairy farmer.

Fall Turnip

We strongly recommend farmers to increase their sowings of Turnips as the crop will prove remunerative for feeding stock and in addition valuable for table use. Fall Turnips mature more rapidly than Swedes. Nothing better in the world to turn hogs, cattle and sheep into. Being softer, however, than Swedes, they are not recommended for keeping for late Winter feeding.

1498—Purple Top Mammoth

or Improved Greystone

An English Favourite

$\frac{1}{4}$ lb. 30c. $\frac{1}{2}$ lb. 50c. 1 lb. 90c. Postpaid.

Produces a greater weight per acre in a given time than any other white turnip. A reliable cropper, valuable for Fall feeding. The roots are of a large globular shape, white skin with purple top. The foliage is heavy. Flesh white, firm texture, mild flavor, sweet and superb quality. Matures quickly and suitable for late sowings.

Other Varieties

1500—GREEN TOP YELLOW ABERDEEN. Differs from the purple-top in color only.

$\frac{1}{4}$ lb. 30c. $\frac{1}{2}$ lb. 50c. 1 lb. 90c. Postpaid.

1501—SELECTED WHITE GLOBE. Grows large in rich soils.

$\frac{1}{4}$ lb. 30c. $\frac{1}{2}$ lb. 50c. 1 lb. 90c. Postpaid.

1502—COWHORN OR WHITE TANKARD. Of distinct carrot-like form, somewhat crooked, growing nearly half out of the ground. Rapid grower, good yielder and well flavored.

$\frac{1}{4}$ lb. 50c. $\frac{1}{2}$ lb. 80c. 1 lb. \$1.50. Postpaid.



LONG WHITE BELGIAN

MCKENZIE'S
IMPROVED
HALF LONG WHITE

1397—Long White Belgian

Oz. 15c. $\frac{1}{4}$ lb. 35c. $\frac{1}{2}$ lb. 60c. 1 lb. \$1.00. Postpaid

White Belgian has long been the leading Carrot in its native country and is used extensively for stock feeding. Smooth, blunt, heavy root of a sweet palatable appetizing flavor; grows exposed fully one-third out of the ground, hence easily harvested. Very free grower and thrives on all soils.

1398—Long Orange Belgian

Oz. 15c. $\frac{1}{4}$ lb. 35c. $\frac{1}{2}$ lb. 60c. 1 lb. \$1.00. Postpaid.

Similar to White Belgian in almost every way except color, the underground portion being a pale orange and quite green above ground. A very large heavy cropping variety and good value. Well worth growing for stock.

FIELD CARROT

for Stock Feeding

All kinds of stock are extremely sensitive to change of diet and in order to obtain the best results it is essential that a variety of food be given. Carrots form one of the best articles of food and are highly relished. The feeding value runs very high, being directly proportionate to the dry matter protein, which, pound for pound, equals any grain and in many cases exceeds.

Carrots are not good for very young animals, although they will, if given the opportunity, eat them greedily.

No matter how few head of stock you may winter, roots of some kind are a necessity. Fed alternately with grain they have practically the same feeding value and in addition tone up the whole system. Usually fed with Corn, Oat Sheaves or some other rough forage.

Seed at the rate of 3 lbs. per acre

1394—McKenzie's Improved Half Long White

The Leading Carrot for Stock

Oz. 15c. $\frac{1}{4}$ lb. 40c. $\frac{1}{2}$ lb. 70c. 1 lb. \$1.25.

Postpaid.

Every farmer who has given this variety a trial states that it is one of the best varieties grown. Marked improvements in the condition of stock have been obvious where it has been used. Aside from its feeding value for stock, which is the very highest, this splendid variety is the heaviest cropping Carrot. The roots are smooth, clean and well shaped, short and very heavy at the shoulder, thus rendering them easy to harvest. Do not break in pulling and sorting. Sound and solid. An exceptionally good keeper. Has great succulency and nutritiousness, which make stock relish it keenly. The flesh is white, crisp, solid and very sweet in flavor.

SWEET, MEDICINAL AND POT HERBS

A CORNER OF EVERY GARDEN should be devoted to the growing of a supply of pot-herbs which are so essential for domestic use. They can be gathered for flavoring purposes during the summer months; or the young stems and leaves can be cut on a dry day, tied in bunches and dried in a cool place for use during the winter months. Pack closely in bottles to exclude air.

	Postpaid	
	Pkt.	Oz.
1357—ANISE. Seeds aromatic and carminative.....	10	40
1358—BALM. For making balm tea.....	10	60
1359—BORAGE. Leaves used as a salad and for flavoring; flowers excellent for bees.....	10	90
1360—CARAWAY. Seeds are used for flavoring bread, pastries and meats.....	10	25
1362—DILL. Leaves are used in pickles, and for flavoring soups and sauces.....	10	25
1363—FENNEL SWEET. The leaves boiled are used in sauces.....	10	50
1364—HOREHOUND. The leaves are used for flavoring and the manufacture of cough medicine.....	10	90
1365—HYSSOP. The tops and flowers are used for tea.....	10	50

	Postpaid	
	Pkt.	Oz.
1366—LAVENDER. Used for perfumery....	10	1.25
1367—POT MARIGOLD. The dried flowers are used for seasoning soups.....	10	60
1368—ROSEMARY. Aromatic leaves used for seasoning.....	10	1.25
1369—RUE. For medicinal purposes; good for fowls for the croup.....	10	90
1370—SAGE. Leaves and tops used for seasoning and stuffing.....	10	1.25
1371—SUMMER SAVORY. The leaves and young shoots are used for flavoring....	10	1.25
1372—SWEET MARJORAM. Leaves and ends of young shoots are used for flavoring in summer and also dried for winter use.....	10	1.25
1373—THYME. Used for seasoning.....	10	1.25
1374—WORMWOOD. Beneficial for poultry, should be planted in poultry yards.....	10	1.20

SEED POTATOES

Certified Stock

The Potato is an important crop in Western Canada. A point which has escaped the attention of seemingly over 90% of those who grow Potatoes for home consumption is the fact that it does not cost any more to grow a "pedigreed" Potato than to devote time and energy in the cultivation of what might be termed "scrub" varieties. It is rather uncomplimentary, but nevertheless a fact, that over fifty per cent of those who grow Potatoes do not even know the name of the variety they are growing. The Potato crop is too important to be neglected.

Why not act this year and not put it off to the indefinite future? It does not require much investment to get a modest start with a good variety possessing "pedigreed" record.

The Dominion Department of Agriculture has adopted a system in the production of "pedigreed" stocks. The method followed by the department is to send a qualified representative to make field inspection during the growing season. Each field variety or lot is subject to score card. After harvest the stock is subject to further inspection. Characteristics such as vigorous growth, freedom from serious diseases and foreign varieties are essential to warrant the stock being graded Extra No. 1 seed stock.

If the stock has been grown subject to the regulations of the Department and final inspection after harvest indicates approved quality, the Department certifies the stock.

All our Certified stocks have the Department certificate attached to each bag as delivered to us. Where customers order quantities less than one half bushel we are unable to attach the Department certificate.

We ship Potatoes from Brandon and Calgary only.

1571—Irish Cobbler CERTIFIED

Prices at BRANDON—1 lb. 35c. 5 lbs. \$1.50 Postpaid. 1/2 bus. 90c. 1 bus. \$1.60 1 1/2 bus. bag \$2.40. 6 bus. \$9.00

Prices at CALGARY—1 lb. 35c. 5 lbs. \$1.50 Postpaid. 1/2 bus. \$1.10 1 bus. \$2.00 1 1/2 bus. bag \$3.00. 6 bus. \$11.40

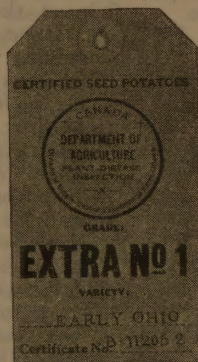
An early, round shaped, creamy white Potato very popular in Western Canada.

The color and shape make this an attractive looking Potato. Its earliness, productiveness, uniform size, excellent cooking quality, snowy white flesh and fine flavor commend it to intending buyers.

All quantities of 1/2 bus. or more are put up in sealed sacks.



CERTIFIED
EARLY OHIO



THE GUARANTEE OF
FIRST QUALITY

1573—Early Ohio CERTIFIED

Prices at BRANDON—1 lb. 35c. 5 lbs. \$1.50 Postpaid. 1/2 bus. 90c. 1 bus. \$1.60 1 1/2 bus. bag \$2.40. 6 bus. \$9.00.

Prices at CALGARY—1 lb. 35c. 5 lbs. \$1.50 Postpaid. 1/2 bus. \$1.10 1 bus. \$2.00 1 1/2 bus. bag \$3.00. 6 bus. \$11.40

A popular variety on account of its earliness and having so little waste in preparing for the table.

The early Potato is the paying crop. Early Ohio is a good yielder for an early variety.

Skin light pink or flesh colored; tubers partially oblong in shape, eyes very shallow.

We are unable to furnish Department certificate on quantities less than half a bushel.

1575—Bovee

Prices at BRANDON—1 lb. 30c. 5 lbs. \$1.25 Postpaid. 1/2 bus. 70c. 1 bus. \$1.20 1 1/2 bus. \$1.80 6 bus. \$6.60.

Prices at CALGARY—1 lb. 30c. 5 lbs. \$1.25 Postpaid. 1/2 bus. 85c. 1 bus. \$1.55. 1 1/2 bus. bag \$2.30 6 bus. \$8.70.

A good, all-round early variety. Well adapted for general use as it is early a heavy cropper and a good keeper. It has shallow eyes, which means they are very economical for cooking. Skin is creamy white, slightly clouded with light pink. Tubers are oval and somewhat flattened.

Our seed is carefully grown and graded but not certified stock.

1570—Wee MacGregor

Prices at BRANDON—1 lb. 30c. 5 lbs. \$1.25 Postpaid. 1/2 bus. 70c. 1 bus. \$1.20 1 1/2 bus. \$1.80 6 bus. \$6.60.

Prices at CALGARY—1 lb. 35c. 5 lbs. \$1.25 Postpaid. 1/2 bus. 85c. 1 bus. \$1.55 1 1/2 bus. bag \$2.30 6 bus. \$8.70.

Creamy buff skin, oval shape, produces tubers of unusually uniform size. A main crop variety which ripens evenly.

This is one of the best keepers we have ever handled—it has been listed by us for years and does well in all parts of the West. Flesh is pure white and fine grained, cooks dry and floury.

While this seed is not certified the stock is carefully selected and hand picked

Potato Eyes

Particularly suitable for those living in remote sections, enabling buyers to test and secure new seed stock at a minimum expense.

Not mailed till time to plant as the eyes should be planted as soon as received. 1580—Early Ohio or Irish Cobbler. 60c. for 25 eyes. \$1.75 for 100 Eyes, Postpaid.

1577—Wee MacGregor or Bovee 50c. for 25 eyes. \$1.50 for 100 Eyes, Postpaid.



CERTIFIED IRISH COBBLER

Potatoes are shipped from Brandon and Calgary only.

FODDER PLANTS

The value of good forage crops is being recognized more each year and especially of crops like Rape and Kale. The forage crops listed on this page are noted for their high food value for cattle, sheep and hogs.

1450—Rape—Dwarf Essex

1 lb. **35c** 5 lbs. **\$1.60** Postpaid.
10 lbs. **\$1.80** 25 lbs. **\$4.00** 100 lbs. **\$15.00**
at purchaser's expense

Rape makes such a rapid growth and produces such an abundance of green feed that it is one of the most profitable catch crops grown. Available for pasture from early summer till freeze up it makes an ideal feed for hogs, sheep, beef cattle or young dairy stock.

It will thrive on any well cultivated land or may be planted up to the middle of July on summer-fallow. This will give an abundance of pasture during the fall and will require no more work than if the summer fallow were continued to be cultivated. Rape will also stand quite a little frost, so will frequently be quite green till near the end of October.

Rape is planted for the feeding value of the top, whereas a turnip is grown for the feeding value of the bulb or root. The two plants can hardly be told apart by appearance. Rape may be sown either in drills or broad-cast. In drills seed 2 to 3 lbs. per acre; broadcast seed 4 to 6 lbs. per acre.

In pasturing do not graze too closely. Many seed two or three lots at different times and alternate the stock from one plot to the other. In this way fresh pasture is always available. Our stock is Genuine Dwarf Essex Rape and can be relied upon.

614—Duplex Rape Kale

The new fodder plant
1 lb. **\$1.75.** 5 lbs. **\$8.50.**
Postpaid
10 lbs. or more **\$1.60** per lb.
at purchaser's expense.

This was introduced by us a few years ago and has proven to be a most valuable fodder plant for Western Canada. It is very hardy. Produces a great weight of leaves and as the stem is also edible there is no waste whatever.

Duplex Rape Kale is one of the heaviest cropping forage plants. Grows about 4 feet high. It is of special value as a milk producing feed. Withstands drought remarkably well and has shown no tendency to disease.

A feed of this kind is a necessity. Can be pastured or if preferable can be pulped like roots, as the stem contains considerable food value. We recommend that you try a small acreage of this, this season.

Seed in drills about 24 inches apart, 2 to 3 lbs. per acre.



RAPE—
DWARF ESSEX

613—Thousand Headed Kale

Will thrive on almost any soil.

1 lb. **90c.** 5 lbs. **\$4.25.** Postpaid.
10 lbs. **65c.** per lb. 25 lbs. or more **63c.** per lb.
at purchaser's expense.

Thousand Headed Kale really belongs to the Cabbage family. Grows 3 or 4 feet high and produces an abundance of leaves over the entire stem. All kinds of stock, sheep especially, relish and thrive on this feed.

Is quite hardy and grows well on almost any soil. Stands considerable fall frost.

Seed in drills 27" apart, 5 to 6 lbs. per acre.



DWARF ESSEX RAPE



MCKENZIE'S
DUPLEX
RAPE-KALE

TREE, SHRUB AND FRUIT SEED

Aside altogether from their beauty and the pleasure they afford, Trees and Shrubs are a decided asset to any farm or town lot. They can be grown in any soil that will grow cereal or vegetable crops.

Trees are valuable as a windbreak, are a protection to house, barn and stock. They will transform a bare homestead into a real home.

While quicker results can possibly be obtained by planting seedlings, it is much cheaper to plant the seed. Hardy plants are obtained and they can be transplanted to better advantage.

1400—BALSAM FIR (*Abies balsamea*). An ornamental evergreen tree, very hardy. Sow seed in the spring in prepared beds and in rows six inches apart; cover with a light layer of sand and allow them to remain in the beds for two years before transplanting. Pkt. **15c.** oz. **50c.** $\frac{1}{4}$ lb. **\$1.60.** $\frac{1}{2}$ lb. **\$3.00.** Postpaid.

1403—BOX ELDER or MANITOBA SOFT MAPLE (*Acer negundo*). When not too crowded will form beautiful groups in the garden. Requires a somewhat sheltered position. Easily raised from seed sown in Spring or Fall. 1-lb. of seed will yield about 2500 plants. Pkt. **10c.** oz. **20c.** $\frac{1}{4}$ lb. **50c.** $\frac{1}{2}$ lb. **85c.** 1 lb. **\$1.50.** Postpaid.

1404—BUCKTHORN (*Rhamnus frangula*). Also known as the Berry-bearing Alder. Suitable for hedges and will thrive in any good garden soil. Seed may be sown as soon as ripe or in Spring in cold frames. Pkt. **10c.** oz. **30c.** $\frac{1}{4}$ lb. **95c.** $\frac{1}{2}$ lb. **\$1.75.** Postpaid.

1417—CARAGANA. See Siberian Pea-tree.

1405—COTTONWOOD (*Populus deltoides*). Recommended particularly for the Canadian West on account of its rapid growth. Is very ornamental and attractive when planted in rows or avenues. Thrives on most soils. Seed ripens about June 1st and should be planted at once. As we carry over no old seed we will fill orders as soon as seed is ready. Pkt. **10c.** oz. **30c.** $\frac{1}{4}$ lb. **85c.** $\frac{1}{2}$ lb. **\$1.50.** Postpaid.

1406—DOGWOOD (*Cornus stolonifera*). Very ornamental, flowers white followed by white berries. Prefers moist situation. Sow seed in fall, pricking out seedlings in the following Spring. Pkt. **10c.** oz. **50c.** $\frac{1}{4}$ lb. **\$1.40** $\frac{1}{2}$ lb. **\$2.50.** Postpaid.

1407—GINNALIAN MAPLE (*Acer tataricum*). Very ornamental. Same cultural directions as for Box Elder. Pkt. **10c.** oz. **60c.** $\frac{1}{4}$ lb. **\$1.80** $\frac{1}{2}$ lb. **\$3.35.** Postpaid.

1408—LARCH or TAMARACK (*Larix laricina*). Cultivation the same as for Balsam Fir. Pkt. **25c.** oz. **\$1.00.** Postpaid.

1409—LILAC (*Syringa vulgaris*). Very attractive and early flowering. Thrives in almost any soil. Pkt. **10c.** oz. **40c.** $\frac{1}{4}$ lb. **\$1.20** $\frac{1}{2}$ lb. **\$2.25.** 1 lb. **\$4.25.** Postpaid.

A FINE ROW
OF
WHITE
SPRUCE
◇
GROWS
RAPIDLY
WHEN ONCE
WELL
ESTABLISHED



A NEAT HEDGE OR A FEW SHRUBS OR TREES ADD ATTRACTIVENESS TO ANY HOME.

1410—GREEN ASH (*Fraxinus veridis*). Seed should be sown in the Spring in beds of good sandy loam and allowed to remain two seasons before transplanting in rows six inches apart, placing the seedlings 18 inches apart in the rows. Pkt. **10c.** oz. **20c.** $\frac{1}{4}$ lb. **60c.** $\frac{1}{2}$ lb. **\$1.00.** 1 lb. **\$1.75.** Postpaid.

1411—MANITOBA NATIVE PLUM (*Prunus niger*). Sow seed in a sheltered position. Thrives in any good garden soil. Very attractive and suitable for shrubberies, avenues etc. Pkt. **10c.** oz. **30c.** $\frac{1}{4}$ lb. **\$1.00.** $\frac{1}{2}$ lb. **\$1.75.** 1 lb. **\$3.25.** Postpaid.

1412—MANITOBA WHITE ASH (*Fraxinus americana*). Same culture as Green Ash. 1-lb. will yield about 3500 plants. Pkt. **10c.** oz. **30c.** $\frac{1}{4}$ lb. **95c.** $\frac{1}{2}$ lb. **\$1.75.** Postpaid.

1413—MANITOBA WHITE ELM (*Ulmus americana*). Very ornamental, prefers a mellow, loamy soil. Seed is not ripe and ready for distribution till June 1st. Orders will be filled about that time as no old seed is carried over. Pkt. **10c.** oz. **50c.** $\frac{1}{4}$ lb. **\$1.35c.** $\frac{1}{2}$ lb. **\$2.40.** Postpaid.

1414—MOUNTAIN ASH (*Sorbus americana*). Flowers white, followed by large bunches of bright red berries. Very attractive and ornamental. Sow seeds as soon as ripe in prepared beds in the open. Pkt. **10c.** oz. **50c.** $\frac{1}{4}$ lb. **\$1.40** $\frac{1}{2}$ lb. **\$2.40.** Postpaid.

1415—RUSSIAN OLIVE (*Elaeagnus angustifolia*). Also known as Jerusalem Willow. An ornamental shrub frequently covered with silvery scales. Sow seed in Spring. Pkt. **10c.** oz. **40c.** $\frac{1}{4}$ lb. **\$1.35** $\frac{1}{2}$ lb. **\$2.40.** Postpaid.

1416—SCOTCH PINE (*Pinus sylvestris*). Same culture as Balsam Fir. Pkt. **10c.** oz. **75c.** $\frac{1}{4}$ lb. **\$2.20.** $\frac{1}{2}$ lb. **\$4.00.** Postpaid.

1417—SIBERIAN PEA TREE (*Caragana arborescens*). Suitable for hedges and shrubberies and will flourish on poor soils. Seed may be sown as soon as ripe or in early Spring. 1 lb. of seed will yield about 2750 plants. Pkt. **10c.** oz. **25c.** $\frac{1}{4}$ lb. **80c.** $\frac{1}{2}$ lb. **\$1.40.** 1 lb. **\$2.40.** Postpaid.

1418—SPRUCE, BLACK (*Picea nigra*). Suitable for pleasure grounds, parks, etc., and adapted to dry, rocky soils. For sowing see Balsam Fir. Seed very hard to procure: orders taken subject to harvest. Pkt. **25c.** oz. **75c.** $\frac{1}{4}$ lb. **\$2.75.** Postpaid.

1419—SPRUCE, NORWAY (*Picea excelsa*). A very attractive species suitable for parks and pleasure grounds. Pkt. **10c.** Oz. **60c.** $\frac{1}{4}$ lb. **\$2.00.** Postpaid.

1420—SPRUCE, WHITE (*Picea alba*). Of attractive appearance, suitable for parks, pleasure grounds, etc. For sowing see Balsam Fir. Pkt. **20c.** oz. **75c.** $\frac{1}{4}$ lb. **\$2.50** $\frac{1}{2}$ lb. **\$5.00.** Postpaid.

1421—TARTARIAN HONEYSUCKLE (*Lonicera tartartica*). Flowers pink to red and white. Fruits red. Sow seed in spring in cold frame and transplant when large enough, in rich loamy soil. Pkt. **10c.** oz. **50c.** $\frac{1}{4}$ lb. **\$1.60** $\frac{1}{2}$ lb. **\$2.60.** Postpaid.

1422—WHITE BIRCH (*Betula alba*). Trees are decidedly graceful and attractive. Sow seed in spring in beds of sandy loam and transplant following year. Pkt. **10c.** oz. **45c.** $\frac{1}{4}$ lb. **\$1.40;** $\frac{1}{2}$ lb. **\$2.35.** Postpaid.



MARQUIS

SEED

WHEAT



DURUM KUBANKA

3185—Marquis McKenzie Gold Standard

Illustrated above

Since the variety named "Marquis" was introduced to general cultivation in this country in the year 1912 its record has not been surpassed as a standard by any other Wheat.

In the past ten years other varieties have been introduced, some of which possess special merit to meet particular conditions. None of the recent introductions has replaced Marquis as the standard variety of Wheat which is generally best adapted to this country.

Marquis, like most hybrid varieties, shows a tendency to revert to one or other of the parent types. This necessitates constant re-selection to maintain a high standard of purity. With McKenzie's Gold Standard we have constantly sought to apply the most up-to-date and approved methods of selection: our object being to maintain, in the first instance, purity of type by elimination of heads which show either a trace of being bearded or any variation in color or size. At the same time we have sought to improve the yielding quality by selected heads of the largest and most uniform size. This governs the purity of the stock.

Our stock possesses the native qualities essential to Marquis in respect to earliness and ability to yield big crops. This "McKenzie's Gold Standard" strain is free of bearded heads, clean, of high vitality, with a very real pedigree record.

See Colored Price Sheets Pages 49 to 56.

3195—Marquis "Elite"

Registered

"Elite" stock is that seed which has been selected under the rules of the C.S.G.A. from small plots, cleaned, inspected, and sealed under the rules of said Association. "Elite" stock is what might be termed "foundation" stock. It is from "Elite" or foundation stock from which "First" Generation Registered is produced.

The reason that both "Elite" Registered, and "First Generation" Registered are so rarely offered is because the production has not attained in bulk a sufficient quantity for commercial purposes. Our stock of "Elite" registered is limited and we can only offer so long as the supply lasts.

It is put up in sealed bags each containing 2 bushels. We will not book an order for a quantity in excess of one bag.

See Colored Price Sheets Pages 49 to 56.

3186—Marquis Registered Second Generation

The title "Registered" means that stock offered under this designation has been grown under the rules and regulations of the Canadian Seed Growers Association, an organization having as its object the improvement of seed standards. A recent revision of the rules of the Association permits the registration of seed to continue for several generations, while formerly registration ceased after the Third Generation.

The person well informed on Wheat production knows that even in respect to registered grains there may be differences of quality, some stocks being of a strain much superior to others. In the purchase of registered stocks, as in the buying of stocks which may not be registered, price alone should not determine the placing of an order. Happily our stock of Registered Marquis is a strain which will give the results demanded by the most exacting buyer.

Our experience is that Western growers demand "Second" Generation rather than Third or others of a lower registration. Consequently we are largely confining our main stock of Registered Marquis to "Second" Generation which is of such excellent quality and at a price within the reach of all.

This stock of "Second" Generation has been inspected, cleaned and put up in sealed bags in our plant. Each bag is certified by an inspect or of the Association.

See Colored Price Sheets Pages 49 to 56.

3205—Red Fife

We have pleasure in offering this tested standard variety which was the premier variety of Wheat in this country for many years prior to the introduction of Marquis or Dr. Saunders' Early, which is an improved strain of this variety.

Soils, and other conditions in Western Canada, vary to such an extent that there are districts in which Red Fife gives as good a result, if not better than any other variety.

In order to meet the demand of those who require this well known variety we have exercised care in the selection of our stock and know that we have seed that is of high grade in every respect. It is thoroughly re-cleaned and tested for germination.

See Colored Price Sheets Pages 49 to 56.

SEED WHEAT



DR. SAUNDERS' RED FIFE WAITING FOR THE THRESHERS

3189—Red Fife Dr. Saunders' Early

This is an improved strain developed by Dr. Saunders' from the old standard variety formerly known in this country as "Red Fife". The association of Dr. Saunders' name is in itself a pledge as to this strain possessing special merit.

There are districts in Western Canada where Red Fife, one year with another, produces as good if not better results than any other variety. This is true in localities where moisture is not as prevalent and the soil lighter than in some other parts of the country.

The berry is of good circumference and longer than the berry of "Marquis" variety. It possesses first class milling qualities. The stock herein offered is of splendid yielding ability.

Where Marquis has not given good satisfaction "Dr. Saunders Early Red Fife" should be favorably considered. We have experienced a good demand in past seasons for this improved strain of Fife.

See Colored Price Sheets Pages 49 to 56.

3180—Durum Kubanka Bigger Yields—Rust Resistant

In view of the past few years' experience with the Kubanka type of Durum Wheat we feel justified in saying it has gained a foothold in districts where other Wheats have not succeeded. In southwestern Manitoba, southern and central Saskatchewan and southeastern Alberta, Durum Kubanka is well established. It has also given good results in other parts of the three provinces.

Where rust has been more prevalent "Kubanka" Wheat has gained recognition as possessing rust resistant qualities. The yield is highly satisfactory and beyond doubt it is the best variety of the Durum family.

It is a bearded variety. Kernels are handsome in appearance, being a bright, clear amber color. The berry is longer than Red Fife and larger in circumference. Its milling quality surpasses any other Durum and the straw makes good feed. It is quite distinct from the black chaff variety.

In past seasons Durum has sold on the market at a discount. We are glad to observe that the crop of Durum this year for No. 1 grade has brought the same price in carload quantities as car lots of No. 1 Northern.

As stated, the Kubanka variety is the best of the Durum types for this country. This year, as in past years, we have confined our recommendations solely to the Kubanka type of Durum. Our stock is a very excellent sample. It may be observed that of all the different varieties of Wheat placed upon the market Durum is the most difficult to secure entirely free from other varieties of Wheat, in fact we know of no "Durum Kubanka" entirely free.

See Colored Price Sheets Pages 49 to 56.



DURUM KUBANKA

3205—Ruby

Where an early Wheat is essential, and this applies particularly to the Northern parts of our Western provinces, "Ruby" has demonstrated merit beyond doubt.

It is a bald type; kernels although not quite so plump as Marquis are in form and color similar to Marquis, possessing equally as good milling qualities. The straw is medium length, maturing ten days to two weeks earlier than Marquis. While it excels in earliness it produces a little less yield per acre than Marquis. In districts subject to frost, earliness is the prime essential, yield secondary.

In the selection of our stock we have exercised care to secure pure genuine "Ruby". It affords us pleasure to again offer this fine early variety.

See Colored Price Sheets Pages 49 to 56

Kota

It is claimed that Kota excels in its resistance to stem rust, scab and blight. These are its redeeming characteristics.

The apparent weaknesses are said to be less yield per acre than Marquis, weaker straw, and milling test reported equal to Marquis.

We are not recommending it this year, preferring to prosecute our investigations further before so doing.

Any customers desiring to purchase should write us and we will submit price.

3206—Turkey Red

This Wheat is meeting with good demand by those who desire a Fall or Winter Wheat. It has a good growth of straw, fills well and the berry is a nice clear bright red. Its milling qualities are excellent. This Wheat can be sown any time during the latter part of August and up to the middle of September. In localities where the snowfall is such as to prevent winter killing, this wheat is most desirable because it matures before the dry season of the year.

See Colored Price Sheets Pages 49 to 56.



FIELD OF MCKENZIE DURUM KUBANKA

BARLEY



BARLEY O.A.C. 21

3296—O.A.C. 21

Of all the different varieties of six rowed Barley tried out in recent years none surpasses O.A.C. 21 for general all round adaptability and quality.

It is early, heads are compact, kernels plump, straw good and heads are not subject to breaking off or shell so readily as some other varieties. We introduced this variety to the west in 1911. It has held a premier place

ever since. See Colored Price Sheets Pages 49 to 56 inclusive.

3266—Common or Russian

In this country it is an aid to agriculture to have varieties of grain which do not make demand upon the farmer for early seeding. Flax is one of these varieties and may be seeded as late as the 3rd or 4th of June. Owing to the comparatively shallow root system of the Flax plant, it is able to make good growth on a seed bed in which the available plant food is relatively close to the surface. It can be sown more successfully on new breaking than any other grain.

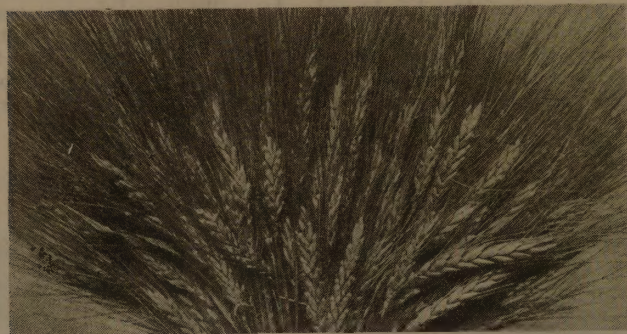
Our stock is carefully selected and well-cleaned.

Until about ten years ago the Common or Russian was practically the only variety in cultivation in Western Canada and is still more generally seeded than any other.

It has been successfully grown for many years, has proven a good yielder, very hardy.

See Colored Price Sheets
Pages 49 to 56 inclusive.

SPELTZ



3209—Speltz is just different—different because it is unlike any other grain produced in this country. It closely resembles Barley in growth and appearance, but is hardier, yields heavier and matures earlier. It can be grown on any soil where any other crop will grow. It resists drought, is not susceptible to rust, endures extreme frosts, withstands heavy rain and winds. It grows very readily. Needs no special preparation as it can be sown on land prepared the same as for Barley, Wheat or Oats.

Many farmers are in the habit of growing Speltz every year chiefly because of its feeding value. It is rich in protein and is relished by all stock.

See Colored Price Sheets Pages 49 to 56 inclusive.

3263—White Hulless

This is not a malting variety. Its chief value is for feeding purposes only. It possesses nutritive qualities.

It is particularly adapted as a feed for Horses, Cattle, Poultry and Swine. Can be used to better advantage when mixed with other grain as it makes very strong feed.

As its name indicates, when threshed it is "hulless". It is very rapid maturing, usually ripening in about 68 days under favorable soil and climatic conditions. Kernels are heavy and very plump, usually larger than Wheat and weighs 60 to 63 lbs. per bushel. It is commercially handled on a weight basis of 60 lbs.

Each year the demand usually exceeds the supply, as in many instances the crops are fed without reserving seed stock, consequently the supply of seed is usually limited.

See Colored Price Sheets Pages 49 to 56 inclusive.

FLAX



PRIMOST FLAX

3265—Primost

This variety is sometimes known as "Minnesota 25". It originated at the Minnesota Experimental Station, being a selection from what was known as "White Blossom Dutch Flax". It is a few days earlier than "Common" Flax, a valuable feature in localities subject to early frost.

It is a heavy yielder, ripening very uniformly, straw medium length, easily harvested. It has a purple blossom. The kernels of Primost are a deep, rich, brown color somewhat smaller in size than the Common or Russian variety.

"Primost" is said to be less subject to "Flax wilt" than Common or Russian.

See Colored Price Sheets
Pages 49 to 56 inclusive.

BUCKWHEAT

3210—Japanese

One of the largestkerneled varieties grown. It is early, very productive and is grown with marked success by many farmers throughout the west. It is an excellent land cleaner and a fine feed for Cattle, Hogs and Poultry.

See Colored Price Sheets Pages 49 to 56 inclusive.

3211—Silver Hulled

This variety is more extensively grown in Western Canada. Aside from its excellent feeding qualities it is best-liked by Beekeepers as it stays in bloom longer than any other. A great improvement over the common or black type. Our Stock is Western grown and of A1 quality.

See Colored Price Sheets Pages 49 to 56 inclusive.



FIELD OF BUCKWHEAT

SEED RYE

The growing of "Spring" or "Winter" Rye in Western Canada is no longer an experiment. Rye is an essential part of our agriculture. The combined crop of 1922 is estimated to aggregate 46,937,000 bushels.

The uses of Rye are varied and indispensable as it possesses adaptability to meet varied conditions in our agriculture which are not so readily attained in the production of other cereals.

Rye is a valuable plant for prevention of soil drifting and useful in the eradication of Wild Oats. May be used as a pasture and also a grain crop. Will thrive on poorer soil than any other of our cereals. Being early maturing, the fall variety especially lends itself to harvesting before Wheat, which is a distinct advantage to the farmer.

We handle very large quantities of both Spring and Winter varieties. Care is exercised in selection of our stocks of Rye and in their preparation as in the case of other seed stocks. Our offerings are clean, plump and of high vitality.

Spring Rye

3218—COMMON

The merits of Spring Rye are many, and while its usefulness is generally known, still we feel that we cannot impress on the farmers of the West too strongly the importance of having an acreage of this splendid grain in crop each year.

Spring Rye is an annual. Seeded in the spring, it yields a grain crop the following harvest. It is a great land cleaner. For Summer pasture it surpasses Winter Rye. It makes a splendid hay crop, also an excellent nurse crop. It thrives on almost any soil and resists drouth better than wheat.

We believe Rye to be the best insurance against crop failure of any cereal grown at present.

Its uses are so many we could write at length about it. It is so generally known and grown we do not believe it necessary other than to add that our stocks are carefully selected, recleaned, and of first quality. We always recommend early ordering for the demand increases each year.

See Colored Price Sheets pages 49 to 56 inclusive.



A FINE STAND OF WINTER RYE

WINTER RYE

3195—Wisconsin 1219, "Registered"

We are introducing this season, for the first time, "Registered" Winter Rye. In fact we believe it to be the first registered stock of Rye ever offered in this Dominion.

This Winter Rye is a strain that has been bred up from Schlandstedt variety, an importation from Europe. The seed is pure, having been grown in isolation since 1912 in Wisconsin. It was planted in this country in the fall of 1920.

The field trials were carefully watched by representatives of the Canadian Seed Growers Association who recognized its merit as a Rye well adapted to this country. The score card record justified registration. This variety is the small berry type.

"Wisconsin 1219 Registered" is Second Generation put up in sealed sacks, each sack having attached thereto a certificate of the Canadian Seed Growers Association.

See Colored Price Sheets Pages 49 to 56 inclusive.

3219—Common

As yet this Winter Rye is more generally grown than any other winter variety and will continue until there are sufficient stocks of superior varieties available. "Common" Winter Rye, for several years, has given universal satisfaction so far as Western Canada is concerned. Our stocks are, of course, western grown therefore well acclimatized, carefully recleaned. We recommend it without hesitancy for general use.

See Colored Price Sheets Pages 49 to 56 inclusive.

Rosen

The Winter variety known as "Rosen" has been very thoroughly tested in Western Canada. It has not given general satisfaction on account of its inability to withstand winter conditions without "killing out," therefore we are not offering it to the public.

VETCHES

3286—Winter Vetch

Sometimes known as Sand or Hairy Vetch. A valuable forage plant of particularly hardy constitution. An excellent winter cover crop which is rapidly gaining in popularity. Yields ten to fifteen tons of green fodder per acre.

The last few years have seen a big increase in the use of this plant in the West, grown not only because of its unsurpassed feeding value but it is also a great nitrogen gatherer, furnishing this much needed element to worn out soils.

See Colored Price Sheets Pages 49 to 56 inclusive.

3285—Spring Vetch

Also known as Common Vetch or Tares.

Rapidity of growth, combined with extreme hardiness, has made this leguminous plant very popular in Western Canada. As a fodder plant it furnishes abundant nourishment and can also be used as ensilage.

Like Winter Vetch it is also a great nitrogen gatherer, transmitting it to the soil.

It is successfully grown with Oats, using 2½ bushels Tares and ½ bushel Oats to an acre.

See Colored Price Sheets Pages 49 to 56 inclusive.

FIELD PEAS

Should be on every farm.

In our sub-title we say Field Peas "Should be on every farm." Certain it is they are coming more into general cultivation. Farmers throughout the West are using this splendid feed and in addition using them to improve the soil so badly in need of an enricher.

Peas are usually grown with Oats, and when fed in the sheaf make excellent feed, or after threshing they can be easily separated, thereby getting two crops in one. When sown with Oats the proper proportion is 2 bushels Oats and 1½ bushels Peas to an acre.

3223—ARTHUR. A very popular variety in the West, produces an abundant crop.

1018—BLACK EYE MARROWFAT. A strong grower of A1 quality.

1019—WHITE MARROWFAT. A splendid large Pea of excellent feeding quality.

3227—BEAUTY. An excellent Pea, large and very productive.

3226—CANADIAN FIELD. One of the best for general use.

3225—GOLDEN VINE. A small Pea, very productive; the vines make excellent hay.

3229—PRUSSIAN BLUE. An old favorite sometimes used for canning.

See Colored Price Sheets Pages 49 to 56 inclusive.

SEED OATS



SHEAF MCKENZIE SPECIAL STRAIN

American Banner—"Registered"

Registered Oats as in the case of other registered grains as offered by us are grown in accordance with the rules of the Canadian Seed Growers Association. Every rule laid down by the Association respecting cultivation as well as care exercised until the seed is safely packed and certified in sealed bags, is fully observed. Production under these conditions is a quality guarantee to the buyer.

The foundation stock from which the grain is produced must in the first place be grown under the direction of the Association and fields submitted for registration are subject to inspection by the Association's representative. After threshing, the grain is again subjected to inspection by a representative of the same Association; the stock is recleaned, bagged, sealed and a certificate of the Association attached to each bag.

Notwithstanding the extreme shortage of choice Oats this year we are fortunate in having very excellent and diversified stocks.

Our "Registered" lots comprise "ELITE," "FIRST," and "SECOND" Generations. The quality of these stocks will satisfy the most exacting buyers.

3294—ELITE. "Elite" stock is produced in small plots by the seeding of selected heads. This "Elite" registered stock is the foundation seed from which "First" Generation seed is propagated under the rules of the Association.

3295 — FIRST GENERATION: This stock is grown from "Elite" seed.

3216 — SECOND GENERATION: "Second" Generation seed is grown from the planting of "First" Generation seed.

See Colored Price Sheets Pages 49 to 56 inclusive.

3283—Hull-less Oats—Liberty

Scientists are ever busy in their endeavor to improve development, whether it be that of the Seedless Orange or developing an Oat without a hull.

This Oat has been cultivated in the western provinces during the past couple years with considerable success. They undoubtedly have a place in our agriculture.

Stools well, matures early and is a heavy yielder. The straw is quite storm resistant, grows about three feet high and possesses good feeding qualities—may successfully be fed to horses as the regular hulled Oats. It is necessary, however, to feed a lesser quantity and a proportion of bran should be mixed with each feeding. This additional ingredient aids digestion.

Hull-less Oats are an excellent feed for chickens either fed alone or mixed with other grains. They are also well adapted for feeding Hogs. Our Stock is Western grown.

See Colored Price Sheets Pages 49 to 56 inclusive.

SELECTION: It is of vital importance to Canada, a distinctly Agricultural country, to not only maintain its quality standard in the production of grain but to continue by steady step an advance toward a higher standard.

Selection is the only method whereby improvement of seed stock can be gained and maintained. Just as selection is essential in the animal kingdom, just so surely must a method of selection be followed in the improvement of cereals.

Oats are too important a crop in our Canadian West provinces to receive only scant attention. We cannot impress too urgently how necessary it is that every agriculturist should, in a measure, endeavor yearly to improve his Oat crop. The first requisite is the purchase of proper seed stock as a foundation.

With the price of the seed the smallest part of the cost of producing a crop, we cannot urge too strongly the value of care in the purchase of Seed Oats. Buyers should not depend wholly on their own seed crop, nor on neighborhood purchases, for many times local conditions of weather or soil have depleted the strength of the strain.

McKenzie Pedigree Seed Oats are grown under seed improvement conditions, carefully tested and cleaned before offered for sale.

3212—American Banner McKenzie Special Strain

The American Banner variety occupies first place among Oats like Marquis among the Wheats. "McKenzie Special Strain" of American Banner contains all the essentials which have made this notable variety the leader in Western Canada.

While Banner is possibly the oldest of the varieties in general cultivation in the West, and while it occupies the premier position, this distinction has not been maintained without would-be rivals. As keenly as the competition in the field of Oat development has been, it yet remains for the discovery of an Oat possessing superior qualities to capture the position held by American Banner. It is noteworthy that in tests covering a period of years at several experimental farms, American Banner has topped the list, based on three great essentials, viz: EARLINESS, YIELD and QUALITY.

It is a branching variety which stools well, straw of somewhat fine texture but stiff and resilient under storm conditions. Not liable to rust, early maturing, usually ripening in 107 days.

Compared with other standard sorts Banner is usually not quite so plump, but if anything more than average length. Its heavy weight can be largely attributed to the uniform size of kernels because it always weighs well.

It has the distinction of possessing a very thin hull which renders it unsurpassed for both feeding or milling purposes.

Our Stocks of "McKenzie Special Strain" are carefully selected, recleaned and tested for germination. We know the history as to pedigree. Our offering is a recommendation that the buyer is getting the best strain. "McKenzie Special Strain" of American Banner should have a place on every Farm.

See Colored Price Sheets pages 49 to 56 inclusive.

SEED OATS

3292—Victory or Seger

This Oat is quite distinct in type and has many characteristics by which it may be readily distinguished from other varieties. After careful observation, covering a number of years, we would briefly describe it as follows:

Well adapted to Prairie soils. The growing plant possesses considerable elasticity which enables it to resist wind storms without the straw being broken. The grain is white. Kernels are a trifle plumper than American Banner but not as large as the "Abundance" variety. The hull is reasonably thin. Ripens medium early and is a heavy cropper. It is a variety which has been widely cultivated and found well adapted to many districts.

The stock we are offering is true to type, well matured, clean and of high vitality.

See Colored Price Sheets Pages 49 to 56 inclusive.

3291—Victory or Seger

"Registered"

As to information regarding registered stocks see page 38 under "American Banner Registered". What applies in the case of "Registered" Banner also applies in the case of "Registered" Victory, as both varieties are grown under the rules of the Canadian Seed Growers Association.

We are pleased to state that we are in a position to offer to our customers two distinct stocks of "registered" Victory—these are as undernoted, viz:

3198—ELITE

3199—FIRST GENERATION

Our stock of "Elite" seed is small for obvious reasons. No order will be accepted in excess of 2 bushels.

See Colored Price sheets Pages 49 to 56 inclusive.

3281—Gold Rain

The salient features that distinguish Gold Rain are: earliness, heavy yielder, and very fine straw which is in great favor owing to its feeding value. Although of fine texture the straw possesses wonderful resiliency and in consequence withstands wind and storm and thus prevents lodging.

The kernels are of a yellow or gold color, hull quite thin, is inclined to be short and thick, but in plumpness is not as large as kernels of Abundance variety.

We are pleased to offer a fine stock, true to type, well ripened, germinating 98%; has been thoroughly recleaned, and in every respect a typical sample which will please the most discriminating buyer.

See Colored Price Sheets Pages 49 to 56 inclusive.

3217—Abundance

Abundance has been grown in Western Canada for several years. The kernels being of large size have made it quite popular with many. In appearance it is just that kind of an oat which makes it commercially in demand, although it has a thick hull. It is early, maturing about the same time as American Banner. Its name well describes its yielding quality. It grows a fine straw. On account of the kernel being of large size it requires from 3 to 3½ bushels to seed an acre.

It was introduced into this country from England and has been in fairly consistent demand.

See Colored Price Sheets Pages 49 to 56 inclusive.

3280—Leader

Leader is a medium early sort, producing large kernels and is a continuous heavy yielder.

The grains are white and plump with very thin hull. The straw is tall and usually strong.

Its appearance is attractive, the heads frequently containing five spikelets, which is very unusual.

Our stock is excellent both as to vitality and purity.

See Colored Price Sheets Pages 49 to 56 inclusive.



VICTORY OATS

3215—Sixty Day or July

The popularity of this Oat is not only well maintained, but our sales have increased in volume as its usefulness becomes known. It is quite a distinct type, nearly every characteristic being different from other varieties. Its popularity has been gained mainly on account of its extreme earliness thereby giving advantages not possessed by the standard varieties.

It is undoubtedly the earliest Oat in cultivation. They will ripen and can be cut before Wheat harvest begins and thus provide much needed feed for farmers who may be short of Oats for feed. They can be fed as grain or in the sheaf.

Sixty Day or July are very useful for late Seeding where it is not convenient to sow Barley or Rye and are recommended for sowing on weed infested land, particularly in facilitating the extinction of Wild Oats, etc.

The grain itself is smaller in size than any of the standard varieties although they weigh remarkably well as compared with their appearance. The color, if anything, is inclined to be a shade yellow. They possess a thin hull and are really a much better Oat than they look.

They undoubtedly fill a distinct need in our agriculture.

So valuable are they for early feed that growers exhaust their entire yield, consequently this tends to create a scarcity of this variety each year.

See Colored Price Sheets Pages 49 to 56 inclusive.

3214—Newmarket

This variety bears a striking resemblance to Abundance and we doubt if there is any material difference between the two. Some of our customers though maintain they have experienced excellent results from Newmarket when other varieties have not succeeded. To meet the requirements of such we can supply excellent stock.

See Colored Price Sheets Pages 49 to 56 inclusive.

OATS

Big Demand When there is a scarcity of choice seed Oats, like the present, we deem it our duty, as Seedsmen to Western Canada, to make it as easy as possible for buyers to procure, at special prices, selected stocks of the very cream the country produces. In past seasons we have sold several hundred thousand bushels to private buyers and to rural municipalities.

Quality Thousands of buyers want dependable varieties of excellent quality, which may not necessarily be pedigreed or registered, such as are described on pages 38 and 39 of this catalog. The purpose, therefore, of this "Special" offer is to supply the country wide demand for a high grade Oat that can be relied upon to give satisfaction. In past seasons our special offerings have given exceptional satisfaction to thousands of customers.

SPECIAL LOT PRICES

OATS—add, for each 3 bushels 15c. for jute sack

WHEAT—add, for each 2 bushels 20c. for jute sack

These Special Lot Prices are on not less than 30 bushels

Carloads—Municipalities, farmers' clubs or individual farmers requiring carload quantities should write for our special prices before buying; inquiries invited.

Lot K 50—OATS AMERICAN BANNER

This is a heavy and fine colored sample, free from noxious seeds; kernels are plump and well-developed.

PRICES

Shipped from—	per bus.
BRANDON.....	77c.
MOOSE JAW.....	78c.
SASKATOON.....	79c.
CALGARY.....	78c.

Lot K 60—OATS ABUNDANCE

This is a typical stock of this well known variety. The kernels are plump and of good bright color.

PRICES

Shipped from—	per bus.
BRANDON.....	77c.
MOOSE JAW.....	78c.
SASKATOON.....	79c.
CALGARY.....	78c.

Lot K 70—OATS VICTORY

Short, plump uniform kernels, comparatively free from awns, weighing 43 lbs. to the bushel, true to type and free from mixtures, wild oats or other noxious seeds.

PRICES

Shipped from—	per bus.
BRANDON.....	77c.
MOOSE JAW.....	78c.
SASKATOON.....	79c.
CALGARY.....	78c.

Lot K 51—OATS AMERICAN BANNER

Well developed, uniform plump kernels of good color and true to type.

PRICES

Shipped from—	per bus.
BRANDON.....	75c.
MOOSE JAW.....	76c.
SASKATOON.....	77c.
CALGARY.....	76c.

Lot K 61—OATS ABUNDANCE

Select stock, pure Abundance, plump heavy kernels, well cleaned.

PRICES

Shipped from—	per bus.
BRANDON.....	75c.
MOOSE JAW.....	76c.
SASKATOON.....	77c.
CALGARY.....	76c.

Lot K 80—WHEAT MARQUIS

Many individual farmers, landlords and loan companies want just such a quality of "Marquis" Seed wheat as offered herein, hence this "special" offer.

PRICES

Shipped from—	per bus.
BRANDON.....	\$1.50
MOOSE JAW.....	1.60
SASKATOON.....	1.60
CALGARY.....	1.60

NON-WARRANTY. While we (A. E. McKenzie Co., Ltd.) exercise care to have all seeds pure and true to name, we do not give and our employees and agents are forbidden to give, any warranty, expressed or implied, as to purity, description, quality, productiveness, or any other matter of any seeds we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, we are to be at once advised, and money paid for same, including freight, will be promptly refunded.

Special Freight Rates

The Transportation Companies are again granting reduced rates on Seed Wheat, Oats, Barley, Rye, Speltz and Grass Seeds, in carload or lesser quantities.

3 Varieties of Special Merit



We are listing on this page three specialties of Vegetable Seed which we recommend to our patrons as having unusual merit. These offer great value, at the special prices listed, to the gardener who wants extra quality, earliness and prolific yield. Let us urge you to include at least one or more with your order.

1308—Princess Mary Tomato

A distinct new variety introduced to Western Canada last year. We listed it in our 1922 catalogue as a New Tomato, but without a name.

Our request for a name met with ready response. It was surprising the wide range of names suggested. There were more proposals of the name "Princess Mary" than any other, hence we are listing this splendid new variety under the popular caption of Princess Mary.

We knew that this new variety would be a success; but we did not anticipate that its approval would be so unanimous, coming as it did from customers in every part of the four western provinces. It has proven to be what we claimed for it, viz: the earliest good Tomato yet introduced to this country.

The distinctive characteristics of Princess Mary Tomato are earliness, productiveness, solid flesh of excellent quality and good color.

The fruit is of medium size and remarkably uniform. In reference to its earliness, several customers advised they were picking ripe Tomatoes about July 25th. The average return per plant was about 8 to 12 pounds.

One of our customers obtained three prizes at the Brandon Horticultural Show. Every Tomato in this exhibit was uniform in size and free from blemish.

We received so many orders last season for this new variety that it was with regret we were obliged to disappoint many of our customers owing to our stock becoming exhausted. We have a stock of new crop seed which we think will be commensurate with the demands of 1923.

No order will be complete without including "Princess Mary" in the list. Sold only in sealed packets **25c.** each.

719—New York Lettuce

Of the different varieties of Lettuce no variety has come into greater popularity than "New York".

"New York" has replaced many of the older varieties that were regarded as standards until to-day it takes first place among the flat-headed types.

The heading varieties are not as early as some of the loose-leaved types. Nevertheless, it develops sufficiently early to capture the market. The heads are firm, crisp and of excellent flavor. The color is dark green and as season advances is slow to shoot seed stalks.

To head properly, Lettuce requires cool weather. Our Canadian west climate is especially suitable to bring this excellent variety to maturity.

Thorough cultivation both of the rows and individual plants is one of the best methods to get satisfactory results.

Pkt. **15c.**

Oz. **50c.**

$\frac{1}{4}$ lb. **\$1.50**

Postpaid.



995—Laxton's Superb Peas

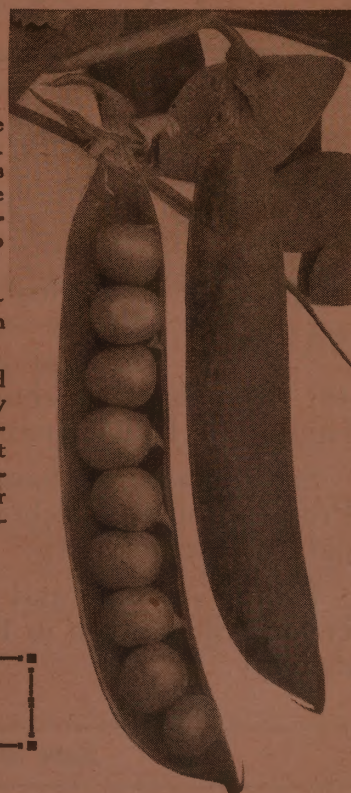
This variety is one of, if not the finest, early Pea yet introduced. The vines being short, i.e., 18 inches to 2 feet, it does not require to be staked. This is particularly advantageous in locations subjected to wind.

Being very hardy and semi-wrinkled the Laxton Superb can be sown early.

The pods which are slightly curved are almost double the size of any other early Pea, containing an average of eight to nine Peas of finest marrow flavor. We specially recommend this excellent pea. Our customers will find it to be a profitable crop.

Pkt. **15c.** $\frac{1}{2}$ lb. **40c.**

1 lb. **75c.** Postpaid.



When buying Seeds - as with any purchase - it pays to buy the best.

SERVICE

Service in Seeds Means---

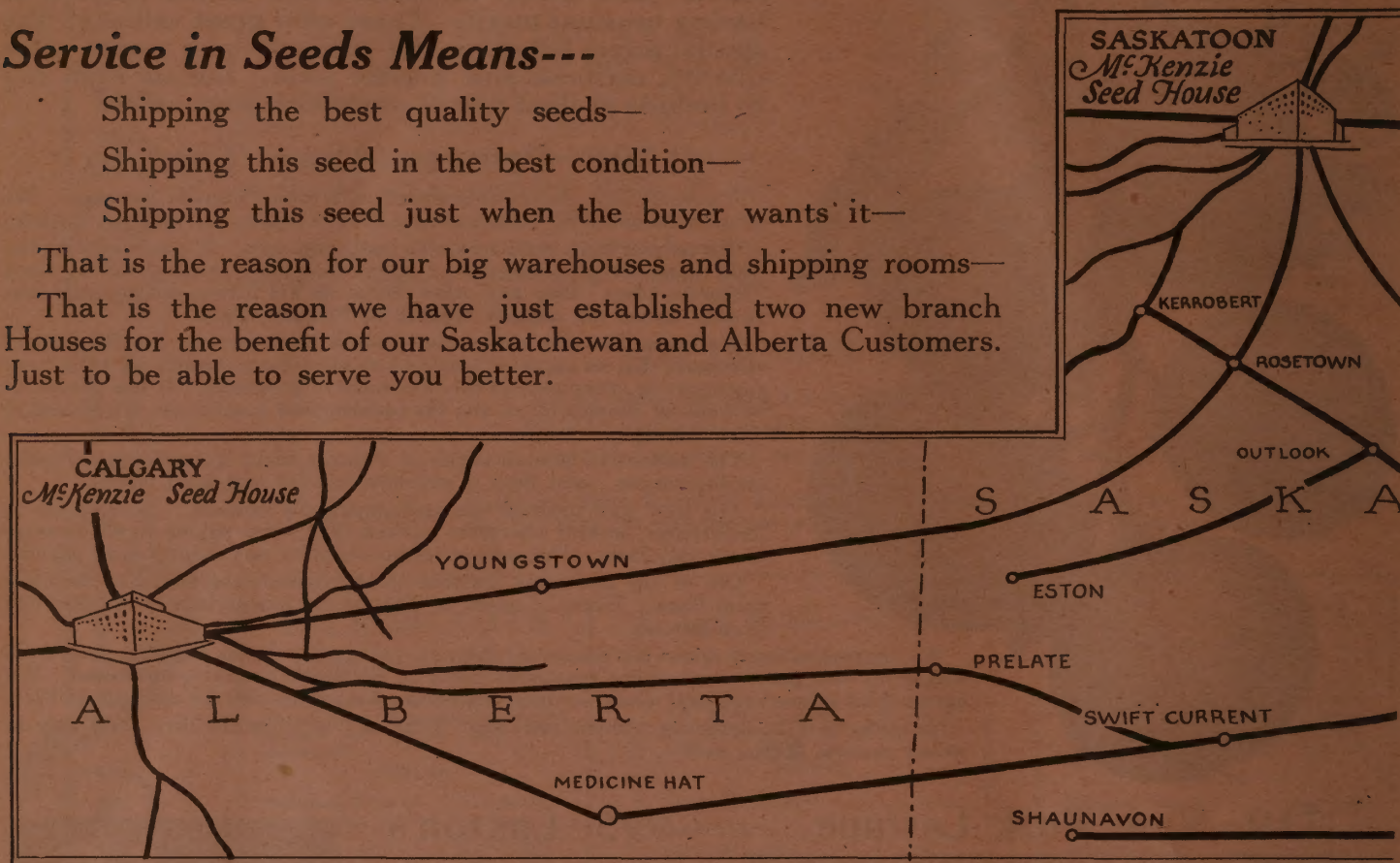
Shipping the best quality seeds—

Shipping this seed in the best condition—

Shipping this seed just when the buyer wants it—

That is the reason for our big warehouses and shipping rooms—

That is the reason we have just established two new branch Houses for the benefit of our Saskatchewan and Alberta Customers. Just to be able to serve you better.



THE FOUR GREAT DISTRIBUTING POINTS OF A. E. McKENZIE CO. LTD.

A NEW ERA IN

GREAT SAVINGS

A saving in freight—big saving in time—an improvement in an already good service—better crops through better seed—all these are now opened up to the farmers and gardeners of Saskatchewan and Eastern Alberta, as explained on Page 48. Two seed warehouses and shipping rooms, opened by Western Canada's Greatest Seed House—A. E. McKenzie Co. Ltd.—at **Saskatoon** and **Moose Jaw** are now ready to serve you.

Saskatoon and Moose Jaw are the two biggest railway terminals (divisional centres) in the Province of Saskatchewan. From these two distributing centres railways radiate to every part of the territory.

From Vegreville and Prince Albert in the North to Radville and Assiniboia and westward beyond Shaunavon in the South, there will be less freight haul, thereby saving days of time in delivery.

Save Money and Time by Ordering from Nearest McKenzie House

THE FIRST ELEMENT IN THE GROWTH *of* THE ONE BIG SEED HOUSE *of* WESTERN CANADA

All over Western Canada—practically at your door. That is the spread and extent of A. E. McKenzie Co. Ltd. service. With the opening of our two branch houses at Moose Jaw and Saskatoon we can serve you better than ever before.

Send your orders direct to—

Brandon, Moose Jaw, Saskatoon or Calgary.

—whichever house is nearest to you or as you may prefer.

An unequalled number of shipping points at your immediate service—

***Brandon, Man., Moose Jaw, Sask., Saskatoon, Sask.,
Calgary, Alta.***



SEED HOUSES ALL OVER WESTERN CANADA

SEED BUYING

But, best of all, is the great opportunity offered the farmers in the remote sections to get seed that is dependable—seed grown and selected by experts—cleaned and graded by specialists, instead of depending on the uncertain quality of “neighborhood” seed.

**BETTER
SEED**

The opening of branch houses in the Province of Saskatchewan at two distributing centres—Saskatoon and Moose Jaw—brings “McKenzie Seed Institution” very close to every resident in this wonderful Province and the nearby sections of Alberta. We appreciate indeed the hearty and loyal support we have received for many years from our thousands of customers in Saskatchewan and Alberta. We desire now to reciprocate by “improved service” not only to our old friends but also many others who will become buyers of “McKenzie Quality Seed”.

See page 48 for Full Instructions about Orders

QUALITY

Highest Quality—

That is the reputation of McKenzie Seeds.

It is the reputation earned by 27 years' unceasing effort.

McKenzie Quality Seeds are specially adapted to our climate and soil.

To insure the highest quality in seed to the growers of Western Canada, we spare neither expense nor care. McKenzie Seed must be right.

Storage Houses

To insure to our customers a uniformly high quality we have provided facilities, in the erection of storage warehouses at great cost, to preserve the seed under the best possible conditions. The temperature of the Vegetable Storage Section is carefully regulated to keep the seed at its greatest vitality for planting. And we have equipped these building with machinery of the most modern design to scarify, clean, sort, handle, automatically weigh and pack the seed.

A trip through our main plant at Brandon would prove a revelation to anyone who thinks that the selling of seed means simply to assemble, pack and ship.



Battery of Seed Cleaning Machines

Grain and Grass Seed Section

Let us first look into the field seed departments. Here you see a large battery of cleaning machines illustrated on this page. These are the most modern types that ingenuity and invention have devised for the preparation of high quality seed. Nearly every machine is of a type different from the other in order to secure the maximum of results by the application of varied and multiplied processes.



Automatically Filling 2 Bushel Bags

When the seed grain or the grass seed comes from these power machines it is **all seed**—the 10% to 20% or more of weed seeds, chaff, dust, and other foreign matter has all been removed. No Fanning Mill can approach the action of these devices.

The cleaned seed is immediately bagged and put into prepared storage in our warehouses at **Brandon, Moose Jaw, Saskatoon or Calgary** awaiting the orders from you and the thousands of other growers who wisely put their trust in McKenzie Quality Seed.

Save Money and Time by Ordering from Nearest McKenzie House

The Second Reason for the 27 Years' Growth of A. E. McKenzie Company, Ltd., Western Canada's One Big Seed House



Canadian Seed Growers' Inspector Certifying Registered Seed

Invaluable to Country

Just imagine what it means to you—what it means to all of the growers of this great agricultural country—to have located in its very heart the largest and most efficient seed cleaning plant in all Canada. The services of such an institution are invaluable—in fact they are indispensable. Here are assembled from every part of these prairies and from foreign countries stocks of seed in order to be processed and prepared for planting.

Then these cleaned and bagged stocks are assembled in the warehouses at Brandon, Saskatoon, Moose Jaw and Calgary to facilitate quick distribution to the farmers and gardeners of this country.

Vegetable and Flower Seed Section

In this department of the main plant you would see the germination test room, where we prove the vitality of all lots of seed. From every lot of seed is selected, at random, a representative sample. It is put into a receptacle where the proper temperature and moisture are applied. Day by day this test is carefully watched and a continuous record is kept of the number of seeds which sprout into life. The percentage of germination must reach over the rigid McKenzie requirement. This is to ensure to the gardeners the highest quality in McKenzie Vegetable and Flower Seed.

A point of interest is the Onion Set and Potato storage sections. Both of these stocks are very difficult to keep—air conditions, temperature and ventilation must be right or serious loss will result.

Packet Packing

Millions of packets and packages of seed are put up in advance of each shipping season in order to be ready for the orders selected by our customers from this catalogue or sold through our "silent salesmen" display cabinets in retail stores all through this country. To render these efficient services, many automatic machines and the help of a large staff are necessary.

In this limited space we are able only to touch on the many processes and extensive machinery we must employ to maintain, for you, the recognized high standard of **McKenzie Quality Seeds**.

Distribution

That you may get these quality seeds in the best condition and at the lowest price consistent with high grade we have established two new distribution centres. Now every part of this great country is but a few hours away from a source of supply of McKenzie Quality Seed.

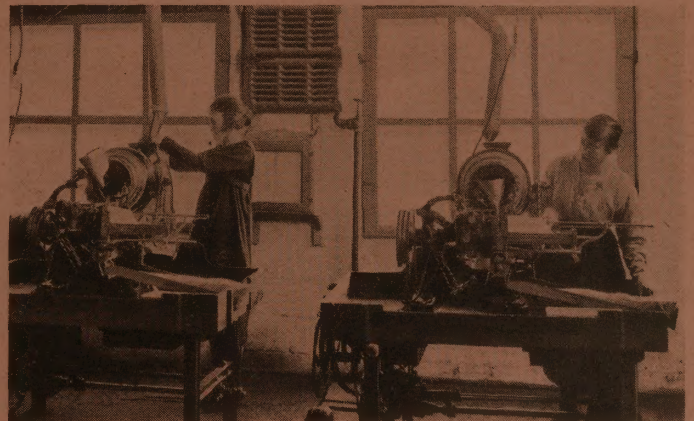
Send your order to the nearest McKenzie House—

Brandon

Saskatoon

Moose Jaw

Calgary



Automatic Packet Filling Machines

PLANT MORE GOOD SEED

The Vegetable and Flower Garden

On the farm, the "home acre"—in town, the "back yard"—must yield the vegetables for the family table for an entire year. Variety in the selection is essential to good health.

Because our growing season is none too long we have made a study of those varieties and types which mature rapidly, crop early and, in winter vegetables, keep well.

All our garden seed offerings can be depended on to give the largest possible crops. They will make your table more enjoyable, your health better.

To facilitate buying, we describe the leading varieties of vegetable seeds in detail—make your selections and send in your order early so that you will not be disappointed.

And flowers too—a few pennies spent in flower seeds will add hundreds of dollars worth of enjoyment and attractiveness in your home. Get a liberal selection and give the children something to do—it will certainly be worth while.



Sealing and Sorting Millions of Seed Packets

Field Crops

We stand as an entrenchment against the assaults of inferior, degenerate and low vitality seed grain.

To select seed for field crops is the work of an expert—an expert with complete records to guide him—and then the seed must "prove up" as to vitality and purity. These are things that not every buyer knows—yet they are vital to the planter's success.

A thorough knowledge of seed production—knowledge of varieties and their adaptability—is gained only by years of patient study and continuous application in this field of work. A. E. McKenzie Co. Ltd. know seeds. They have 27 years' experience specializing to the West.



Shipping Section at Brandon Plant. Loading Two Cars of Seed.

Continuing, the seed we know to be right, we clean every bit of waste matter out. All seed grain and grass seed purchased from McKenzie is all seed.

Wise growers depend for their seed on the perfected facilities and organization of

A. E. McKENZIE Co., Ltd.
Seedsman to Western Canada

A McKenzie Seed House Almost at Your Door.

SEED VALUE



Seed Potatoes in Storage

A diamond or rare work of art—each has a **definite** value for what it is—of itself alone.

A pair of boots or an overcoat—each has a **small** value for what it is—a **greater** value for what it does.

Many seeds have practically no value for what they are; but they have nearly **immeasurable** value for what they do—for what they produce.

Less money spent in the purchase of seed than in the purchase of a pair of boots will produce a living for a family for a whole year.

You Buy a Possible Crop

When you buy a packet of Radish seed—or a hundred bushels of Oats—you are not buying merely the seed—you are, in fact, purchasing the crop which that seed should produce. And the better the seed the better the crop should be. Even in case of the most adverse crop conditions, the strong, virile, healthy seed has far greater chance for success than has the weak, ordinary, second rate seed.

Therefore, the purchase of seed should never be made the question of a bargain—price should never determine the selection. The total investment in seed is so small in proportion to the rest of the cost of producing a crop, that a possible small saving in price is indeed quite secondary.

Best is Cheapest

Better quality, tested seed, clean, free of weeds, pedigreed, and full measure is always the cheapest seed to buy—no matter what the price. It is poor economy to buy any seed but the best.

McKenzie's Pedigreed Seed is all cleaned—it is tested for strength—we know and every wise buyer knows that it is the most economical seed to buy.

Country-wide Distribution

Our new distributing centres make it possible for every grower in Western Canada to get the advantage of the high quality of McKenzie Seeds at the lowest possible cost.

Get better crops from better seed. Send your order to the nearest "McKenzie House" except as explained on page 48.

A. E. MCKENZIE CO. LTD.

Seedsman to Western Canada

BRANDON - SASKATOON
MOOSE JAW - CALGARY



Packing Thousands of "Silent Salesmen" with assortments of McKenzie Vegetable and Flower Seed

You save Money and Time through McKenzie Service.

READ THIS PAGE VERY CAREFULLY

IT TELLS HOW *and* WHERE to ORDER

The **House of McKenzie** is now all over Western Canada. With the Head Office and main plant at Brandon, Manitoba and the three branches at Saskatoon and Moose Jaw, Saskatchewan and at Calgary, Alberta, we are practically at your door. These different distribution centres have been established for your benefit because they mean a saving in freight and a saving in time for you in the purchase of seed grain and other field seeds. To get the fullest value from this improved service read these instructions carefully.

*As a general rule it is best to order from your nearest
McKenzie House, except as explained below.*

Garden Seed.....	Pages 1 to 25
Field Root Seed.....	Pages 26 to 30
Fodder Crop Seed.....	Page 32
Tree and Shrub Seed.....	Page 33
Flower Seed.....	Pages 68 to 87
Lawn and Golf Grass Seed.....	Second Cover

The prices for above stocks are the same at all four houses—
Brandon, Moose Jaw, Saskatoon and Calgary.

Order these seeds from the McKenzie House nearest you.

We ship all the seed listed above by parcel post prepaid. Our long experience has proven that this is the safest and most satisfactory way. However, if requested to ship by prepaid express we will do so.

Larger quantities where quoted go of course by freight or express at purchaser's expense.

Miscellaneous Sundries.....	Pages 88 to 95
Poultry Feeds.....	Third Cover

These are carried in stock, for quick delivery, at all McKenzie Houses. Note: that on items not sent postpaid there are four prices shown.

Be sure to use the price quoted for the McKenzie House you order from and order from the nearest one.

Field Seeds

The prices on Field Seeds vary at each McKenzie Warehouse.

Seed Grain.....	{Pages 34 to 40 Pages 57 to 61
Grass Seed.....	Pages 62 to 64
Clovers.....	Pages 65 to 67

Prices on these Field Seeds are given on the 8 pages following:

Pages 49 and 50—with red border are prices **Brandon**.
Pages 51 and 52—with purple border are prices **Moose Jaw**.
Pages 53 and 54—with blue border are prices **Saskatoon**.
Pages 55 and 56—with brown border are prices **Calgary**.

In the case of freight shipments there are exceptions to the rule of "Buy from the nearest McKenzie House" Note next column.

EXCEPTIONS

**WHAT A CUSTOMER RESIDENT IN THE EASTERN PART
—SAY 50 to 80 MILES WEST OF THE EASTERN BOUNDARY
—OF THE PROVINCE OF SASKATCHEWAN SHOULD DO—**

He should first turn to the BRANDON "RED" Price List,
Pages 49 and 50, and compare prices

WITH

MOOSE JAW "PURPLE PRICE LIST, Pages 51 and 52, and with
SASKATOON "BLUE" PRICE LIST, pages 53 and 54.

He will find that although he may be located west of the western boundary of Manitoba, that it will pay him to mail his order to Brandon. This is on account of the prices on most items being less at Brandon than at Moose Jaw or Saskatoon, notwithstanding the freight may be slightly more from Brandon.

EXAMPLE—When the Brandon price is compared (including estimated freight) with Moose Jaw and Saskatoon prices and freight on the same commodity, to a buyer say at Wolseley, Balcarres or Yorkton, notwithstanding these stations are nearer to one of our Saskatchewan Branch Houses, nevertheless the cost to the buyer is less. The order should be mailed to Brandon.

**WHAT A CUSTOMER RESIDENT IN THE EASTERN PART—
SAY 50 to 80 MILES WEST OF THE EASTERN BOUNDARY—
OF THE PROVINCE OF ALBERTA SHOULD DO—**

He should first turn to the MOOSE JAW "PURPLE" PRICE LIST, Pages 51 and 52, and to the SASKATOON "BLUE" PRICE LIST, Pages 53 and 54, and compare these prices

WITH

CALGARY "BROWN" PRICE LIST, Pages 55 and 56.

It will be found that the same principle applies to the Eastern Alberta customer as applies to the customer in the Eastern section of Saskatchewan.

EXAMPLE—A buyer at Medicine Hat, Alberta, will save money by ordering from Moose Jaw, Sask., instead of Calgary, Alta.; the buyer from Coronation, Alta., Daysland, Alta., Holden, Alta., and Vegreville, Alta., from our Saskatoon Branch instead of Calgary, Alta.

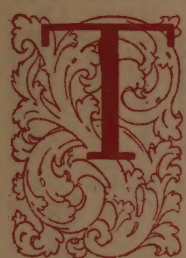
Provincial boundaries are not necessarily the dividing line. Read the prices carefully and follow the plan outlined and you will save money on your seed. We want to give you unequalled service at a decided saving. We ask you to use the price list to your own advantage.

Brandon — Saskatoon — Moose Jaw — Calgary — to give you Service.

Current Price List

Seed Grains, Grasses, Clovers, Etc.

Subject to change without notice



THE prices quoted on this and the reverse side represent values on January 1, 1923 and apply to all varieties described on Pages 34 to 39 inclusive and 57 to 67 inclusive. Based on quality and service these values are unexcelled in this country. **PLEASE READ PAGE 48.** As the season advances prices may fluctuate somewhat. Should a change in seed values take place, if higher, orders will be filled to the full value of remittance received; if lower, balance over remitted will be returned.

The prices on all Vegetable and Flower Seeds are the same at our **Brandon, Moose Jaw, Saskatoon and Calgary Houses.**

Prices on this sheet are f.o.b. Brandon, Man.

Catalog Page	Catalog Number	Varieties	A Full Bag Contains	Price of Bags	Current Prices (January 1, 1923)				
					10 bush. or more	2 bush. bag	1 bush.		
34	3185	WHEAT Marquis—Gold Standard.....	2 bush.	20c	\$1.65 per bush.	\$1.75 per bush.	\$1.80		
34	3195	Marquis Registered: Elite Stock.....	2 bush.	20c	—	3.00	In 2 bush. bags only		
34	3186	2nd Generation.....	2 bush.	20c	2.25	2.35	In 2 bush. bags only		
34	3203	Red Fife—Gold Standard.....	2 bush.	20c	1.60	1.70	1.75		
34	3189	Red Fife—Dr. Saunders' Early.....	2 bush.	20c	1.80	1.90	1.95		
34	3180	Durum Kubanka.....	2 bush.	20c	1.65	1.75	1.80		
34	3205	Ruby.....	2 bush.	20c	1.85	1.95	2.00		
34	3178	Kota.....	2 bush.	20c	See Page 35				
34	3206	Turkey Red.....	2 bush.	20c	2.35	2.45	2.50		
36	3296	BARLEY O.A.C. 21.....	2 bush.	20c	1.10	1.15	1.20		
36	3263	White Hulless.....60 lbs. per bush.	2 bush.	20c	2.00	2.05	2.10		
36	3265	FLAX Primost (Minnesota No. 25).....	2 bush.	20c	10 bush. or more	2 bush. bag	1 bush.		
36	3266	Common or Russian.....	2 bush.	20c	\$3.00 per bush.	\$3.05 per bush.	\$3.10		
37	3218	SPRING RYE Common.....	2 bush.	20c	2.75	2.80	2.85		
37	3195	WINTER or FALL RYE Wisconsin 1219 Registered.....	2 bush.	20c	1.45	1.50	1.55		
37	3219	Common.....	2 bush.	20c	2.15	2.20	2.25		
38	3212	OATS (Special lots see Page 40). Banner—McKenzie's Special Strain...	3 bush.	20c	1.50	1.55	1.60		
38	3294	Banner—Registered: Elite Stock.....	2 bush.	20c	12 bush. or more	3 bush. bag	1 bush.		
38	3295	1st Generation.....	2 bush.	20c	.85 per bush.	.90 per bush.	.95		
38	3296	2nd Generation.....	3 bush.	20c	1.50	1.60	1.65	In 2 bush. bags only	
38	3297	Liberty Hulless.....	3 bush.	20c	1.10	1.15	1.20	In 3 bush. bags only	
38	3298	Victory—Gold Standard.....	3 bush.	20c	2.00	2.05	2.10	In 3 bush. bags only	
38	3299	Victory—Registered: Elite Stock.....	2 bush.	20c	.85	.90	.95		
38	3198	1st Generation.....	3 bush.	20c	1.50	1.60	1.65	In 2 bush. bags only	
38	3199	2nd Generation.....	3 bush.	20c	1.15	1.25	1.30	In 3 bush. bags only	
38	3200	Gold Rain.....	3 bush.	20c	.85	.90	.95	In 3 bush. bags only	
38	3201	Abundance.....	3 bush.	20c	.85	.90	.95		
38	3202	Leader.....	3 bush.	20c	.85	.90	.95		
38	3203	Sixty Day or July.....	3 bush.	20c	.85	.90	.95		
38	3204	Newmarket.....	3 bush.	20c	.85	.90	.95		
38	3205	Cartons 22—Gold Standard.....	3 bush.	20c	.85	.90	.95		
57	1288	SUNFLOWER Giant Russian—light stripe.....	100 lbs.	20c	100 lb.	50 lb.	25 lb.	1 lb. Postpaid.	
57	1290	Manchurian—dark stripe.....	100 lbs.	20c	\$14.00	\$7.50	\$4.00	.45	
59	3300	CORN Northwestern Red Dent: Western Canada Grown.....	2 1/2 bush.	20c	5 bush. or more	2 1/2 bush. bag	1 bush.	1/2 bush.	1 lb. Postpaid
59	3310	North Dakota Grown.....	2 1/2 bush.	20c	\$4.50	\$4.55	\$4.65	\$2.45	.40
59	3315	Nebraska Grown.....	2 1/2 bush.	20c	2.75	2.80	2.90	1.60	.40
59	3314	North Dakota Yellow Flint (Gehu).....	2 1/2 bush.	20c	2.25	2.30	2.40	1.35	.40
61	3222	Western Canada Grown.....	2 1/2 bush.	20c	4.00	4.05	4.15	2.20	.45
61	3312	North Dakota White Flint: Western Canada Grown.....	2 1/2 bush.	20c	4.35	4.40	4.50	2.35	.45
61	3313	North Dakota Grown.....	2 1/2 bush.	20c	2.90	2.95	3.05	1.65	.40
61	3307	Imp. Squaw—Western Canada Grown.....	2 1/2 bush.	20c	4.00	4.05	4.15	2.20	.45
60	3224	Minnesota 13 Dent: North Dakota Grown.....	2 1/2 bush.	20c	2.75	2.80	2.90	1.60	.40
60	3311	Nebraska Grown.....	2 1/2 bush.	20c	2.30	2.35	2.45	1.35	.40
61	3313	Longfellow—Nebraska Grown.....	2 1/2 bush.	20c	2.50	2.55	2.65	1.45	.40
61	3301	Yellow Cob Ensilage—Nebraska Grown.....	2 1/2 bush.	20c	1.35	1.40	1.50	.85	.35

BRANDON

Catalog Page	Catalog Number	Varieties	A full Bag Contains	Price of Bags	Current Prices (January 1, 1923)				
36	3210	BUCKWHEAT			6 bush. or more	2 bush. bag	1 bush.	1/2 bush.	1 lb. Postpaid
36	3211	Japanese.....	2 bush.	20c	\$4.55 per bu.	\$4.60 per bu.	\$4.65	\$2.45	.40
		Silver Hulled.....	2 bush.	20c	1.90	1.95	2.00	1.10	.40
37	3223	PEAS—FIELD			6 bush. or more	2 bush. bag	1 bush.	1/2 bush.	1 lb. Postpaid
37	1018	Arthur.....	2 bush.	20c	\$3.90 per bu.	\$3.95 per bu.	\$4.00	\$2.10	.40
37	1019	Black Eye Marrowfat.....	2 bush.	20c	4.50	4.55	4.60	2.40	.40
37	3227	White Marrowfat.....	2 bush.	20c	4.50	4.55	4.60	2.40	.40
37	3225	Beauty.....	2 bush.	20c	4.40	4.45	4.50	2.35	.40
37	3226	Golden Vine.....	2 bush.	20c	3.00	3.05	3.10	1.65	.40
37	3226	Canadian Field.....	2 bush.	20c	2.90	2.95	3.00	1.60	.40
37	3229	Prussian Blue.....	2 bush.	20c	4.50	4.55	4.60	2.40	.40
37	3285	VETCH—Spring or Common.....	2 bush.	20c		7.45	7.50	3.95	.50
37	3286	VETCH—WINTER.....	100 lbs.	20c	\$24.00	\$12.50	\$6.50	1 lb. Postpaid	.60
36	3209	SPELTZ.....	100 lbs.	20c	3.30	1.75	1.00		.35
62	3247	BROME							
62	3248	Gold Standard.....	100 lbs.	25c	12.00	6.50	3.50		.35
		Gilt Edge.....	100 lbs.	25c	11.00	6.00	3.25		
62	3245	WESTERN RYE							
62	3246	Gold Standard.....	100 lbs.	25c	11.00	6.00	3.25		.35
		Gilt Edge.....	100 lbs.	25c	10.50	5.75	3.15		
62	3282	BROME AND WESTERN RYE MIXED.....	100 lbs.	25c	11.00	6.00	3.25		.35
63	3243	TIMOTHY							
63	3244	Gold Standard.....	120 lbs.	20c	14.00	7.50	4.00	1 lb. Postpaid	.45
63	3284	Gilt Edge.....	120 lbs.	20c	12.50	6.75	3.65		.45
		Silver Standard.....	120 lbs.	20c	11.50	6.25	3.40		.45
63	3249	KENTUCKY BLUE							
63	3250	Gold Standard.....	100 lbs.	25c	45.00	23.50	11.75		.70
		Gilt Edge.....	100 lbs.	25c	42.00	21.50	11.00		.70
63	3251	CANADIAN BLUE							
63	3252	Gold Standard.....	100 lbs.	40c	\$31.00	16.00	8.25	1 lb. Postpaid	.60
63	3236	RED TOP Gold Standard.....	100 lbs.	35c	30.00	15.50	8.00		.65
63	3236	O.K. PASTURE GRASS.....	100 lbs.	25c	18.00	9.50	5.00		.50
63	3242	MEADOW FESCUE.....	100 lbs.	25c	30.00	15.50	8.00		.75
63	3280	SUDAN GRASS.....	120 lbs.	30c	22.00	11.50	6.00		.55
64	3297	MILLET							
64	3234	Early Fortune.....	120 lbs.	20c	\$4.50	\$2.50	\$1.50	1 lb. Postpaid	.40
64	3232	Siberian.....	120 lbs.	20c	7.50	4.00	2.25		.40
64	3231	Common or White.....	120 lbs.	20c	5.50	3.00	1.75		.35
64	3235	Golden.....	120 lbs.	20c	7.50	4.00	2.25		.40
64	3233	Hog.....	120 lbs.	20c	5.50	3.00	1.75		.35
		Japanese.....	120 lbs.	20c	7.00	3.75	2.15		.40
65	3255	ALFALFA							
65	3257	Turkestan Gov't Grade No. 1.....	150 lbs.	40c	\$32.00	\$16.50	\$8.50	10 lbs. 1 lb. Postpaid	\$3.50 \$1.70
65	3278	Grimm Dakota Gov't Grade No. 1.....	130 lbs.	45c	54.00	27.50	14.00		5.70 1.00
65	3276	Grimm Alberta Gov't Grade No. 3.....	130 lbs.	45c	50.00	25.50	13.00		5.30 1.00
65	3226	Grimm Alberta Registered.....	100 lbs.	45c	60.00	30.50	15.50		6.30 1.10
65	3233	Stock 3323 Alberta Gov't Grade No. 3.....	130 lbs.	45c	36.00	18.50	9.50		3.90 .70
66	3259	CLOVER							
66	3260	Common Red—Gold Standard.....	150 lbs.	40c	\$29.00	\$15.00	\$7.75	10 lbs. 1 lb. Postpaid	\$3.20 .60
66	3270	Common Red—Gilt Edge.....	150 lbs.	40c	28.00	14.50	7.50		3.10 .60
66	3275	Mammoth Red—Gold Standard.....	150 lbs.	40c	35.00	18.00	9.25		3.80 .65
66	3276	Alsike—Gold Standard.....	150 lbs.	40c	26.00	13.50	7.00		2.90 .60
66	3261	Alsike—Gilt Edge.....	150 lbs.	40c	26.00	13.00	6.75		2.80 .60
		White Dutch—Gold Standard.....	150 lbs.	40c			8.00		1.10
67	3273	SWEET CLOVER							
67	3274	White Blossom—Gold Standard.....	100 lbs.	15c	\$11.50	\$6.25	\$3.40	10 lbs. 1 lb. Postpaid	\$1.45 .50
67	3332	White Blossom—Gilt Edge.....	100 lbs.	15c	10.50	5.75	3.15		.50
67	3330	White Blossom—Arctic.....	100 lbs.	15c	20.00	10.50	5.50		2.35 .60
67	3331	Yellow Blossom—Gold Standard.....	150 lbs.	40c	15.00	8.00	4.25		1.80 .50
		Annual White Blossom—Hubam.....	120 lbs.	20c	40.00	20.50	10.50		4.30 .75

CONDITIONS OF SALE

While we (A. E. McKenzie Co., Ltd.) exercise care to have all seeds pure and true to name, we do not give, and our employees and agents are forbidden to give, any warranty, expressed or implied, as to purity, description, quality, productiveness, or any other matter of any seeds we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, we are to be at once advised, and money paid for same, including freight, will be promptly refunded.

MOOSE JAW

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Current Price List Seed Grains, Grasses, Clovers, Etc.

Subject to change without notice



THE prices quoted on this and the reverse side represent values on January 1, 1923 and apply to all varieties described on Pages 34 to 39 inclusive and 57 to 67 inclusive. Based on quality and service these values are unexcelled in this country. PLEASE READ PAGE 48. As the season advances prices may fluctuate somewhat. Should a change in seed values take place, if higher, orders will be filled to the full value of remittance received; if lower, balance over remitted will be returned.

The prices on all Vegetable and Flower Seeds are the same at our Brandon, Moose Jaw, Saskatoon and Calgary Houses.

Prices on this sheet are ex-warehouse Moose Jaw, Sask.

Catalog Page	Catalog Number	Varieties	A Full Bag Contains	Price of Bags	Current Prices (January 1, 1923)			
					10 bush. or more	2 bush. bag	1 bush.	
34	3185	WHEAT						
		Marquis—Gold Standard.....	2 bush.	20c	\$1.75 per bush.	\$1.85 per bush.	\$1.90	
		Marquis Registered:						
34	3195	Elite Stock.....	2 bush.	20c	—	3.15	"	In 2 bush. bags only
34	3186	2nd Generation.....	2 bush.	20c	2.35	2.45	"	In 2 bush. bags only
34	3203	Red Fife—Gold Standard.....	2 bush.	20c	1.75	1.85	"	1.90
35	3189	Red Fife—Dr. Saunders' Early.....	2 bush.	20c	1.90	2.00	"	2.05
35	3180	Durum Kubanka.....	2 bush.	20c	1.75	1.85	"	1.90
35	3205	Ruby.....	2 bush.	20c	1.90	2.00	"	2.05
35	3178	Kota.....	2 bush.	20c	See Page 35			
35	3206	Turkey Red.....	2 bush.	20c	2.55	2.65	"	2.70
		BARLEY						
36	3296	O.A.C. 21.....	2 bush.	20c	1.15	1.20	"	1.25
36	3263	White Hull-less 60 lbs. per bush.	2 bush.	20c	2.20	2.25	"	2.30
		FLAX						
36	3265	Primost (Minnesota No. 25).....	2 bush.	20c	\$3.10 per bush.	\$3.15 per bush.	\$3.20	
36	3266	Common or Russian.....	2 bush.	20c	2.85	2.90	"	2.95
37	3218	SPRING RYE Common.....	2 bush.	20c	1.50	1.55	"	1.60
		WINTER or FALL RYE						
37	3195	Wisconsin 1219 Registered.....	2 bush.	20c	2.30	2.35	"	2.40
37	3219	Common.....	2 bush.	20c	1.60	1.65	"	1.70
		OATS (Special lots see Page 40).						
38	3212	Banner—McKenzie's Special Strain ...	3 bush.	20c	12 bush. or more	3 bush. bag	1 bush.	
		Banner—Registered:			.85 per bush.	.90 per bush.	.95	
38	3294	Elite Stock.....	2 bush.	20c	—	1.95	"	In 2 bush. bags only
38	3295	1st Generation.....	3 bush.	20c	1.60	1.70	"	In 3 bush. bags only
38	3216	2nd Generation.....	3 bush.	20c	1.15	1.20	"	In 3 bush. bags only
38	3283	Liberty Hull-less.....	3 bush.	20c	1.90	1.95	"	2.05
38	3292	Victory—Gold Standard.....	3 bush.	20c	.90	.95	"	1.00
		Victory—Registered:						
39	3198	Elite Stock.....	2 bush.	20c	—	1.90	"	In 2 bush. bags only
39	3199	1st Generation.....	3 bush.	20c	1.60	1.70	"	In 3 bush. bags only
39	3291	2nd Generation.....	3 bush.	20c	1.20	1.30	"	In 3 bush. bags only
39	3281	Gold Rain.....	3 bush.	20c	.90	.95	"	1.00
39	3217	Abundance.....	3 bush.	20c	.90	.95	"	1.00
39	3293	Leader.....	3 bush.	20c	.90	.95	"	1.00
39	3215	Sixty Day or July.....	3 bush.	20c	.90	.95	"	1.00
39	3214	Newmarket.....	3 bush.	20c	.90	.95	"	1.00
39	3216	Gartons 22—Gold Standard.....	3 bush.	20c	.90	.95	"	1.00
		SUNFLOWER						
57	1288	Giant Russian—light stripe.....	100 lbs.	20c	100 lbs.	50 lbs.	25 lbs.	1 lb. Postpaid.
57	1290	Manchurian—dark stripe.....	100 lbs.	20c	\$14.50	\$7.75	\$4.15	.45
					12.00	6.50	3.50	.45
		CORN						
		Northwestern Red Dent:			5 bush. or more	2½ bush. bag	1 bush.	½ bush. Postpaid
59	3300	Western Canada Grown.....	2½ bush.	20c	\$4.50	\$4.55	\$4.65	\$2.45 .40
59	3310	North Dakota Grown.....	2½ bush.	20c	2.75	2.80	2.90	1.60 .40
59	3315	Nebraska Grown.....	2½ bush.	20c	2.35	2.40	2.50	1.40 .40
		North Dakota Yellow Flint (Gehu).....	2½ bush.	20c				
59	3314	Western Canada Grown.....	2½ bush.	20c	4.25	4.30	4.40	2.30 .45
		North Dakota White Flint:						
61	3222	Western Canada Grown.....	2½ bush.	20c	4.50	4.55	4.65	2.45 .45
61	3312	North Dakota Grown.....	2½ bush.	20c	3.00	3.05	3.15	1.70 .40
59	3307	Imp. Squaw—Western Canada Grown.	2½ bush.	20c	4.25	4.30	4.40	2.30 .45
		Minnesota 13 Dent:						
60	3224	North Dakota Grown.....	2½ bush.	20c	2.75	2.80	2.90	1.60 .40
60	3311	Nebraska Grown.....	2½ bush.	20c	2.35	2.40	2.50	1.40 .40
61	3313	Longfellow—Nebraska Grown.....	2½ bush.	20c	2.60	2.65	2.75	1.50 .40
61	3301	Yellow Cob Ensilage—Nebraska Grown	2½ bush.	20c	1.50	1.60	1.70	.95 .35

MOOSE JAW

Catalog Page	Catalog Number	Varieties	A full Bag Contains	Price of Bags	Current Prices (January 1, 1923)				
					6 bush. or more	2 bush. bag	1 bush.	1/2 bush.	1 lb. Postpaid
36	3210	BUCKWHEAT							
36	3211	Japanese.....	2 bush.	20c	\$4.65 per bu.	\$4.70 per bu.	\$4.75	\$2.50	.40
		Silver Hulled.....	2 bush.	20c	2.15	2.20	2.25	1.25	.40
		PEAS—FIELD			6 bush. or more	2 bush. bag	1 bush.	1/2 bush.	1 lb. Postpaid
37	3223	Arthur.....	2 bush.	20c	\$4.05 per bu.	\$4.10 per bu.	\$4.15	\$2.20	.40
37	1018	Black Eye Marrowfat.....	2 bush.	20c	4.60	4.65	4.70	2.50	.40
37	1019	White Marrowfat.....	2 bush.	20c	4.60	4.65	4.70	2.45	.40
37	3227	Beauty.....	2 bush.	20c	4.50	4.55	4.60	2.40	.40
37	3225	Golden Vine.....	2 bush.	20c	3.15	3.20	3.25	1.75	.40
37	3226	Canadian Field.....	2 bush.	20c	3.00	3.05	3.10	1.65	.40
37	3229	Prussian Blue.....	2 bush.	20c	4.65	4.70	4.75	2.50	.40
37	3285	VETCH—Spring or Common.....	2 bush.	20c		7.60	7.65	3.95	.50
37	3286	VETCH—WINTER.....	100 lbs.	20c	\$24.50	\$12.75	\$6.65		.60
36	3209	SPELTZ.....	100 lbs.	20c	3.30	1.75	1.00		.35
		BROME							
62	3247	Gold Standard.....	100 lbs.	25c	12.00	6.50	3.50		.40
62	3248	Gilt Edge.....	100 lbs.	25c	11.50	6.25	3.40		.40
		WESTERN RYE							
62	3245	Gold Standard.....	100 lbs.	25c	11.00	6.00	3.25		.40
62	3246	Gilt Edge.....	100 lbs.	25c	10.50	5.75	3.15		.40
62	3282	BROME AND WESTERN RYE MIXED.....	100 lbs.	25c	11.00	6.00	3.25		.40
		TIMOTHY							
63	3243	Gold Standard.....	120 lbs.	20c	14.00	7.50	4.00		.45
63	3244	Gilt Edge.....	120 lbs.	20c	13.00	7.00	3.75		.45
63	3284	Silver Standard.....	120 lbs.	20c	12.00	6.50	3.50		.45
		KENTUCKY BLUE							
63	3249	Gold Standard.....	100 lbs.	25c	45.00	23.00	11.75		.70
63	3250	Gilt Edge.....	100 lbs.	25c	42.50	21.75	11.15		.70
		CANADIAN BLUE							
63	3251	Gold Standard.....	100 lbs.	40c	\$31.00	16.00	8.25		.60
63	3252	RED TOP Gold Standard.....	100 lbs.	35c	30.00	15.50	8.00		.65
63	3236	O.K. PASTURE GRASS.....	100 lbs.	25c	18.00	9.50	5.00		.50
63	3242	MEADOW FESCUE.....	100 lbs.	25c	30.00	15.50	8.00		.75
63	3280	SUDAN GRASS.....	120 lbs.	30c	22.00	11.50	6.00		.55
		MILLET							
64	3297	Early Fortune.....	120 lbs.	20c	\$5.00	\$2.75	\$1.65		.40
64	3234	Siberian.....	120 lbs.	20c	7.75	4.15	2.35		.40
64	3232	Common or White.....	120 lbs.	20c	5.75	3.15	1.85		.35
64	3231	Golden.....	120 lbs.	20c	7.75	4.15	2.35		.40
64	3235	Hog.....	120 lbs.	20c	5.75	3.15	1.85		.35
64	3233	Japanese.....	120 lbs.	20c	7.50	4.00	2.25		.40
		ALFALFA							
65	3255	Turkestan—Gov't Grade No. 1.....	150 lbs.	40c	\$32.50	\$16.75	\$8.65		.70
65	3257	Grimm—"Dakota" Gov't Grade No. 1.....	130 lbs.	45c	54.50	27.75	14.50		1.00
65	3278	Grimm—"Alberta" Gov't Grade No. 3.....	130 lbs.	45c	49.00	25.00	12.75		1.00
65	3326	Grimm—"Alberta" Registered.....	100 lbs.	45c	60.00	30.50	15.50		1.10
65	3323	Stock 3323 "Alberta" Gov't Grade No. 3.....	130 lbs.	45c	35.50	18.25	9.40		.70
		CLOVER							
66	3259	Common Red—Gold Standard.....	150 lbs.	40c	\$29.00	\$15.00	\$7.75		.60
66	3260	Common Red—Gilt Edge.....	150 lbs.	40c	28.00	14.50	7.50		.60
66	3270	Mammoth Red—Gold Standard.....	150 lbs.	40c	35.00	18.00	9.25		.65
66	3275	Alsike—Gold Standard.....	150 lbs.	40c	26.00	13.50	7.00		.60
66	3276	Alsike—Gilt Edge.....	150 lbs.	40c	25.00	13.00	6.75		.60
66	3261	White Dutch—Gold Standard.....	150 lbs.	40c			8.00		1.10
		SWEET CLOVER							
67	3273	White Blossom—Gold Standard.....	100 lbs.	15c	\$11.50	\$6.25	\$3.40		.50
67	3274	White Blossom—Gilt Edge.....	100 lbs.	15c	10.75	5.90	5.20		.50
67	3332	White Blossom—Arctic.....	100 lbs.	15c	20.00	10.50	5.50		.60
67	3330	Yellow Blossom—Gold Standard.....	150 lbs.	40c	15.50	8.25	4.40		.50
67	3331	Annual White Blossom—Hubam.....	120 lbs.	30c	40.00	20.50	10.50		.75

CONDITIONS OF SALE

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Catalog Page	Catalog Number	Varieties	A Full Bag Contains	Price of Bags	Current Prices (January 1, 1923)				
					10 bush. or more	2 bush. bag	1 bush.		
34	3185	WHEAT							
		Marquis—Gold Standard.....	2 bush.	20c	\$1.80	per bush. \$1.90	per bush. \$1.95		
		Marquis Registered:							
34	3195	Elite Stock.....	2 bush.	20c	—	3.20	" "	In 2 bush. bags only	
34	3186	2nd Generation.....	2 bush.	20c	2.40	2.50	" "	In 2 bush. bags only	
34	3203	Red Fire—Gold Standard.....	2 bush.	20c	1.80	1.90	" "		1.95
35	3189	Red Fire—Dr. Saunders' Early.....	2 bush.	20c	1.95	2.05	" "		2.10
35	3180	Durum Kubanka.....	2 bush.	20c	1.80	1.90	" "		1.95
35	3205	Ruby.....	2 bush.	20c	2.00	2.10	" "		2.15
35	3178	Kota.....	2 bush.	20c	See Page 35				
35	3206	Turkey Red.....	2 bush.	20c	2.60	2.70	" "		2.75
		BARLEY							
36	3296	O.A.C. 21.....	2 bush.	20c	1.15	" "	1.20	" "	1.25
36	3263	White Hull-less.....60 lbs. per bush.	2 bush.	20c	2.25	2.30	" "		2.35
		FLAX							
36	3265	Primost (Minnesota No. 25).....	2 bush.	20c	10 bush. or more	2 bush. bag	1 bush.		
36	3266	Common or Russian.....	2 bush.	20c	\$3.20	per bush. \$3.25	per bush. \$3.30		\$3.30
		SPRING RYE Common.....	2 bush.	20c	2.90	2.95	" "		3.00
37	3218	WINTER or FALL RYE							
37	3195	Wisconsin 1219 Registered.....	2 bush.	20c	1.55	" "	1.60	" "	1.65
37	3219	Common.....	2 bush.	20c	2.35	" "	2.40	" "	2.45
		OATS (Special lots see Page 40).							
		Banner—McKenzie's Special Strain...	3 bush.	20c	12 bush. or more	3 bush. bag	1 bush.		
		Banner—Registered:			.95	per bush. 1.00	per bush. 1.05		
38	3212	Elite Stock.....	2 bush.	20c	—	1.95	" "	In 2 bush. bags only	
38	3294	1st Generation.....	3 bush.	20c	1.60	1.65	" "	In 3 bush. bags only	
38	3295	2nd Generation.....	3 bush.	20c	1.20	1.25	" "	In 3 bush. bags only	
38	3216	Liberty Hull-less.....	3 bush.	20c	1.90	1.95	" "		2.05
38	3283	Victory—Gold Standard.....	3 bush.	20c	.95	1.00	" "		1.05
39	3292	Victory—Registered:							
39	3198	Elite Stock.....	2 bush.	20c	—	1.90	" "	In 2 bush. bags only	
39	3199	1st Generation.....	3 bush.	20c	1.60	1.65	" "	In 3 bush. bags only	
39	3291	2nd Generation.....	3 bush.	20c	1.25	1.35	" "	In 3 bush. bags only	
39	3281	Gold Rain.....	3 bush.	20c	.95	1.00	" "		1.05
39	3217	Abundance.....	3 bush.	20c	.95	1.00	" "		1.05
39	3293	Leader.....	3 bush.	20c	.95	1.00	" "		1.05
39	3215	Sixty Day or July.....	3 bush.	20c	.95	1.00	" "		1.05
39	3214	Newmarket.....	3 bush.	20c	.95	1.00	" "		1.05
39	3316	Gartons 22—Gold Standard.....	3 bush.	20c	.95	1.00	" "		1.05
		SUNFLOWER							
57	1288	Giant Russian—light stripe.....	100 lbs.	20c	100 lbs.	50 lbs.	25 lbs.	1 lb. Postpaid.	
57	1290	Manchurian—dark stripe.....	100 lbs.	20c	\$14.60	\$7.80	\$4.15	.45	
					12.75	6.90	3.70	.45	
		CORN							
		Northwestern Red Dent:			5 bush. or more	2½ bush. bag	1 bush.	½ bush.	1 lb. Postpaid
59	3300	Western Canada Grown.....	2½ bush.	20c	\$4.50	\$4.55	\$4.65	\$2.45	.40
59	3310	North Dakota Grown.....	2½ bush.	20c	2.85	2.90	3.00	1.65	.40
59	3315	Nebraska Grown.....	2½ bush.	20c	2.35	2.40	2.50	1.40	.40
		North Dakota Yellow Flint (Gehu).....	2½ bush.	20c	4.50	4.55	4.65	2.45	.45
59	3314	Western Canada Grown.....	2½ bush.	20c	4.50	4.55	4.65	2.45	.45
		North Dakota White Flint:							
61	3222	Western Canada Grown.....	2½ bush.	20c	4.60	4.65	4.75	2.50	.45
61	3312	North Dakota Grown.....	2½ bush.	20c	3.00	3.05	3.15	1.70	.40
59	3307	Imp. Squaw—Western Canada Grown.....	2½ bush.	20c	4.50	4.55	4.65	2.45	.45
		Minnesota 13 Dent:							
60	3224	North Dakota Grown.....	2½ bush.	20c	2.85	2.90	3.00	1.65	.40
60	3311	Nebraska Grown.....	2½ bush.	20c	2.40	2.45	2.55	1.40	.40
61	3313	Longfellow—Nebraska Grown.....	2½ bush.	20c	2.70	2.75	2.85	1.55	.40
61	3301	Yellow Cob Ensilage—Nebraska Grown.....	2½ bush.	20c	1.60	1.65	1.75	1.00	.35

SASKATOON

Catalog Page	Catalog Number	Varieties	A full Bag Contains	Price of Bags	Current Prices (January 1, 1923)				
					6 bush. or more	2 bush. bag	1 bush.	1/2 bush.	1 lb. Postpaid
36	3210	BUCKWHEAT	2 bush.	20c	\$4.75 per bu.	\$4.80 per bu.	\$4.85	\$2.55	.40
36	3211	Japanese.....	2 bush.	20c	2.20	2.25	2.30	1.25	.40
		Silver Hulled.....			6 bush. or more	2 bush. bag	1 bush.	1/2 bush.	1 lb. Postpaid
37	3223	PEAS—FIELD	2 bush.	20c	\$4.10 per bu.	\$4.15 per bu.	\$4.20	\$2.20	.40
37	1018	Arthur.....	2 bush.	20c	4.70	4.75	4.80	2.50	.40
37	1019	Black Eye Marrowfat.....	2 bush.	20c	4.70	4.75	4.80	2.50	.40
37	3227	White Marrowfat.....	2 bush.	20c	4.70	4.75	4.80	2.50	.40
37	3225	Beauty.....	2 bush.	20c	4.60	4.65	4.70	2.45	.40
37	3226	Golden Vine.....	2 bush.	20c	3.20	3.25	3.30	1.75	.40
37	3226	Canadian Field.....	2 bush.	20c	3.15	3.20	3.25	1.75	.40
37	3229	Prussian Blue.....	2 bush.	20c	4.75	4.80	4.85	2.55	.40
37	3285	VETCH—Spring or Common.....	2 bush.	20c		7.70	7.75	4.00	.50
37	3286	VETCH—WINTER.....	100 lbs.	20c	\$24.75	\$12.90	\$6.70	1 lb. Postpaid	.60
36	3209	SPELTZ.....	100 lbs.	20c	3.30	1.75	1.00		.35
62	3247	BROME	100 lbs.	25c	12.50	6.75	3.65		.40
62	3248	Gold Standard.....	100 lbs.	25c	11.65	6.35	3.40		.40
		Gilt Edge.....							
62	3245	WESTERN RYE	100 lbs.	25c	11.00	6.00	3.25		.45
62	3246	Gold Standard.....	100 lbs.	25c	10.75	5.90	3.20		.45
		Gilt Edge.....							
62	3282	BROME AND WESTERN RYE MIXED.....	100 lbs.	25c	11.50	6.25	3.40		.40
63	3243	TIMOTHY	120 lbs.	20c	14.50	7.75	4.15	1 lb. Postpaid	.45
63	3244	Gold Standard.....	120 lbs.	20c	13.25	7.15	3.80		.45
63	3284	Gilt Edge.....	120 lbs.	20c	12.25	6.65	3.60		.45
		Silver Standard.....							
63	3249	KENTUCKY BLUE	100 lbs.	25c	45.00	23.00	11.75		.70
63	3250	Gold Standard.....	100 lbs.	25c	42.75	21.90	11.20		.70
		Gilt Edge.....							
63	3251	CANADIAN BLUE	100 lbs.	40c	\$31.00	16.00	8.25	1 lb. Postpaid	.60
		Gold Standard.....							
63	3252	RED TOP Gold Standard.....	100 lbs.	35c	30.00	15.50	8.00		.65
63	3236	O.K. PASTURE GRASS.....	100 lbs.	25c	18.00	9.50	5.00		.65
63	3242	MEADOW FESCUE.....	100 lbs.	25c	30.00	15.50	8.00		.75
63	3280	SUDAN GRASS.....	120 lbs.	30c	22.50	11.75	6.15		.55
64	3297	MILLET	120 lbs.	20c	55.00	27.75	14.65	1 lb. Postpaid	.40
64	3234	Early Fortune.....	120 lbs.	20c	8.00	4.25	2.40		.40
64	3232	Siberian.....	120 lbs.	20c	6.00	3.25	1.90		.35
64	3231	Common or White.....	120 lbs.	20c	8.00	4.25	2.40		.40
64	3235	Golden.....	120 lbs.	20c	6.00	3.25	1.90		.35
64	3233	Hog.....	120 lbs.	20c	7.50	4.00	2.25		.40
		Japanese.....							
65	3255	ALFALFA	150 lbs.	40c	\$32.60	\$16.80	\$8.65	10 lbs. 1 lb. Postpaid	.70
65	3257	Turkestan—Gov't Grade No. 1.....	130 lbs.	45c	54.60	27.80	14.20		1.00
65	3278	Grimm—"Dakota" Gov't Grade No. 1.....	130 lbs.	45c	49.25	25.65	13.10		1.00
65	3326	Grimm—"Alberta" Gov't Grade No. 3.....	100 lbs.	45c	60.00	30.50	15.50		1.10
65	3323	Grimm—"Alberta" Registered.....	130 lbs.	45c	35.50	18.25	9.40		.70
		Stock 3323 "Alberta" Gov't Grade No. 3.....							
66	3259	CLOVER	150 lbs.	40c	\$29.00	\$15.00	\$7.75	10 lbs. 1 lb. Postpaid	.60
66	3260	Common Red—Gold Standard.....	150 lbs.	40c	28.50	14.75	7.65		.60
66	3270	Common Red—Gilt Edge.....	150 lbs.	40c	35.50	18.25	9.40		.65
66	3275	Mammoth Red—Gold Standard.....	150 lbs.	40c	26.00	13.50	7.00		.60
66	3276	Alsike—Gold Standard.....	150 lbs.	40c	26.00	13.50	7.00		.60
66	3261	Alsike—Gilt Edge.....	150 lbs.	40c	26.00	13.50	7.00		.60
		White Dutch—Gold Standard.....							
67	3273	SWEET CLOVER	100 lbs.	15c	\$11.75	\$6.40	\$3.45	10 lbs. 1 lb. Postpaid	.50
67	3274	White Blossom—Gold Standard.....	100 lbs.	15c	11.00	6.00	3.25		.50
67	3332	White Blossom—Gilt Edge.....	100 lbs.	15c	20.00	10.50	5.50		.60
67	3330	White Blossom—Arctic.....	140 lbs.	40c	15.75	8.40	4.45		.50
67	3331	Yellow Blossom—Gold Standard.....	120 lbs.	20c	40.00	20.50	10.50		.75
		Annual White Blossom—Hubam.....							

CONDITIONS OF SALE

While we (A. E. McKenzie Co., Ltd.) exercise care to have all seeds pure and true to name, we do not give, and our employees and agents are forbidden to give, any warranty, expressed or implied, as to purity, description, quality, productiveness, or any other matter of any seeds we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, we are to be at once advised, and money paid for same, including freight, will be promptly refunded.

Current Price List Seed Grains, Grasses, Clovers, Etc.

Subject to change without notice



THE prices quoted on this and the reverse side represent values on January 1, 1923 and apply to all varieties described on Pages 34 to 39 inclusive and 57 to 67 inclusive. Based on quality and service these values are unexcelled in this country. PLEASE READ PAGE 48. As the season advances prices may fluctuate somewhat. Should a change in seed values take place, if higher, orders will be filled to the full value of remittance received; if lower, balance over remitted will be returned.

The prices on all Vegetable and Flower Seeds are the same at our Brandon, Moose Jaw, Saskatoon and Calgary Houses.

Prices on this sheet are ex-warehouse Calgary, Alta.

Catalog Page	Catalog Number	Varieties	A Full Bag Contains	Price of Bags	Current Prices (January 1, 1923)						
					10 bush. or more		2 bush. bag		1 bush.		
34	3185	WHEAT									
		Marquis—Gold Standard.....	2 bush.	20c	\$1.85	per bush.	\$1.95	per bush.	\$2.00		
		Marquis Registered:									
34	3195	Elite Stock.....	2 bush.	20c	—	" "	3.25	" "	In 2 bush. bags only		
34	3186	2nd Generation.....	2 bush.	20c	2.50	" "	2.60	" "	In 2 bush. bags only		
34	3203	Red Fife—Gold Standard.....	2 bush.	20c	1.90	" "	2.00	" "	2.05		
35	3189	Red Fife—Dr. Saunders' Early.....	2 bush.	20c	2.00	" "	2.10	" "	2.15		
35	3180	Durum Kubanka.....	2 bush.	20c	1.90	" "	2.00	" "	2.05		
35	3205	Ruby.....	2 bush.	20c	2.10	" "	2.20	" "	2.25		
35	3178	Kota.....	2 bush.	20c	See Page 35	" "		" "			
35	3206	Turkey Red.....	2 bush.	20c	2.25	" "	2.35	" "	2.40		
		BARLEY									
36	3296	O.A.C. 21.....	2 bush.	20c	1.25	" "	1.30	" "	1.35		
36	3263	White Hull-less . . . 60 lbs. per bush.	2 bush.	20c	2.35	" "	2.40	" "	2.45		
		FLAX									
36	3265	Primost (Minnesota No. 25).....	2 bush.	20c	\$3.25	per bush.	\$3.30	per bush.	\$3.35		
36	3266	Common or Russian.....	2 bush.	20c	2.95	" "	3.00	" "	3.05		
37	3218	SPRING RYE Common.....	2 bush.	20c	1.60	" "	1.65	" "	1.70		
		WINTER or FALL RYE									
37	3195	Wisconsin 1219 Registered.....	2 bush.	20c	2.40	" "	2.45	" "	2.50		
37	3219	Common.....	2 bush.	20c	1.70	" "	1.75	" "	1.80		
		OATS (Special lots see Page 40).									
38	3212	Banner—McKenzie's Special Strain ...	3 bush.	20c	.95	per bush.	1.00	per bush.	1.05		
		Banner—Registered:									
38	3294	Elite Stock.....	2 bush.	20c	—	" "	2.05	" "	In 2 bush. bags only		
38	3295	1st Generation.....	3 bush.	20c	1.65	" "	1.70	" "	In 3 bush. bags only		
38	3216	2nd Generation.....	3 bush.	20c	1.25	" "	1.30	" "	In 3 bush. bags only		
38	3283	Liberty Hull-less.....	3 bush.	20c	1.75	" "	1.80	" "	1.90		
39	3292	Victory—Gold Standard.....	3 bush.	20c	.90	" "	.95	" "	1.00		
		Victory—Registered:									
39	3198	Elite Stock.....	2 bush.	20c	—	" "	2.00	" "	In 2 bush. bags only		
39	3199	1st Generation.....	3 bush.	20c	1.65	" "	1.70	" "	In 3 bush. bags only		
39	3291	2nd Generation.....	3 bush.	20c	1.30	" "	1.40	" "	In 3 bush. bags only		
39	3281	Gold Rain.....	3 bush.	20c	.90	" "	.95	" "	1.00		
39	3217	Abundance.....	3 bush.	20c	.90	" "	.95	" "	1.00		
39	3293	Leader.....	3 bush.	20c	.90	" "	.95	" "	1.00		
39	3215	Sixty Day or July.....	3 bush.	20c	.95	" "	1.05	" "	1.10		
39	3214	Newmarket.....	3 bush.	20c	.90	" "	.95	" "	1.00		
39	3316	Gartons 22—Gold Standard.....	3 bush.	20c	.90	" "	.95	" "	1.00		
		SUNFLOWER									
57	1288	Giant Russian—light stripe.....	100 lbs.	20c	100 lbs.	\$15.00	50 lbs.	\$7.80	25 lbs.	\$4.15	1 lb. Postpaid.
57	1290	Manchurian—dark stripe.....	100 lbs.	20c	100 lbs.	12.00	50 lbs.	6.50	25 lbs.	3.50	.45
		CORN									
		Northwestern Red Dent:									
59	3300	Western Canada Grown.....	2½ bush.	20c	\$4.75	\$4.80	\$4.90	\$2.55	.40		
59	3310	North Dakota Grown.....	2½ bush.	20c	3.00	3.05	3.15	1.75	.40		
59	3315	Nebraska Grown.....	2½ bush.	20c	2.50	2.55	2.65	1.45	.40		
59	3314	North Dakota Yellow Flint (Gehu).....	2½ bush.	20c	4.75	4.80	4.90	2.55	.45		
61	3222	Western Canada Grown.....	2½ bush.	20c	4.75	4.80	4.90	2.55	.45		
61	3312	North Dakota White Flint:	2½ bush.	20c	4.75	4.80	4.90	2.55	.45		
59	3307	Imp. Squaw—Western Canada Grown.....	2½ bush.	20c	3.15	3.20	3.30	1.75	.40		
		Minnesota 13 Dent:									
60	3224	North Dakota Grown.....	2½ bush.	20c	3.00	3.05	3.15	1.75	.40		
60	3311	Nebraska Grown.....	2½ bush.	20c	2.50	2.55	2.65	1.45	.40		
61	3313	Longfellow—Nebraska Grown.....	2½ bush.	20c	2.85	2.90	3.00	1.60	.40		
61	3301	Yellow Cob Ensilage—Nebraska Grown.....	2½ bush.	20c	1.70	1.75	1.85	1.05	.35		

CALGARY

Catalog Page	Catalog Number	Varieties	A full Bag Contains	Price of Bags	Current Prices (January 1, 1923)					
					6 bush. or more	2 bush. bag	1 bush.	1/2 bush.	1 lb.	Postpaid
36	3210	BUCKWHEAT								
36	3211	Japanese.....	2 bush.	20c	\$5.05 per bu.	\$5.10 per bu.	\$5.15	\$2.70	1.35	.40
		Silver Hulled.....	2 bush.	20c	2.40	2.45	2.50	1.35	1.35	.40
		PEAS—FIELD			6 bush. or more	2 bush. bag	1 bush.	1/2 bush.	1 lb.	Postpaid
37	3223	Arthur.....	2 bush.	20c	\$4.20 per bu.	\$4.25 per bu.	\$4.30	\$2.25	1.10	.40
37	1018	Black Eye Marrowfat.....	2 bush.	20c	4.80	4.85	4.90	2.55	1.10	.40
37	1019	White Marrowfat.....	2 bush.	20c	4.80	4.85	4.90	2.55	1.10	.40
37	3227	Beauty.....	2 bush.	20c	4.65	4.70	4.75	2.50	1.10	.40
37	3225	Golden Vine.....	2 bush.	20c	3.25	3.30	3.35	1.80	1.10	.40
37	3226	Canadian Field.....	2 bush.	20c	3.25	3.30	3.35	1.80	1.10	.40
37	3229	Prussian Blue.....	2 bush.	20c	4.85	4.90	4.95	2.60	1.10	.40
37	3285	VETCH—Spring or Common.....	2 bush.	20c		7.80	7.85	4.05	.50	
37	3286	VETCH—WINTER.....	100 lbs.	20c	\$25.00	\$13.00	\$6.75		.60	
36	3209	SPELTZ.....	100 lbs.	20c	4.30	2.25	1.25		.35	
		BROME								
62	3247	Gold Standard.....	100 lbs.	25c	13.00	7.00	3.75		.40	
62	3248	Gilt Edge.....	100 lbs.	25c	12.00	6.50	3.50		.40	
		WESTERN RYE								
62	3245	Gold Standard.....	100 lbs.	25c	12.00	6.50	3.50		.45	
62	3246	Gilt Edge.....	100 lbs.	25c	11.50	6.25	3.40		.40	
62	3282	BROME AND WESTERN RYE MIXED..	100 lbs.	25c	12.00	6.50	3.50		.40	
		TIMOTHY								
63	3243	Gold Standard.....	120 lbs.	20c	15.00	8.00	4.25		.45	
63	3244	Gilt Edge.....	120 lbs.	20c	13.50	7.25	3.90		.45	
63	3284	Silver Standard.....	120 lbs.	20c	12.50	6.75	3.65		.45	
		KENTUCKY BLUE								
63	3249	Gold Standard.....	100 lbs.	25c	46.00	23.50	12.00		.70	
63	3250	Gilt Edge.....	100 lbs.	25c	43.00	22.00	11.25		.70	
		CANADIAN BLUE								
63	3251	Gold Standard.....	100 lbs.	40c	\$32.00	16.50	8.50		.60	
63	3252	RED TOP Gold Standard.....	100 lbs.	35c	31.00	16.00	8.25		.65	
63	3236	O.K. PASTURE GRASS.....	100 lbs.	25c	19.00	10.00	5.25		.50	
63	3242	MEADOW FESCUE.....	100 lbs.	25c	31.00	16.00	8.50		.75	
63	3280	SUDAN GRASS.....	120 lbs.	30c	23.00	12.00	6.25		.55	
		MILLET								
64	3297	Early Fortune.....	120 lbs.	20c	55.50	33.00	17.75		.40	
64	3234	Siberian.....	120 lbs.	20c	8.50	4.50	2.50		.40	
64	3232	Common or White.....	120 lbs.	20c	6.50	3.50	2.00		.35	
64	3231	Golden.....	120 lbs.	20c	8.50	4.50	2.50		.40	
64	3235	Hog.....	120 lbs.	20c	8.50	4.50	2.50		.35	
64	3233	Japanese.....	120 lbs.	20c	8.00	4.25	2.35		.40	
		ALFALFA								
65	3255	Turkestan—Gov't Grade No. 1.....	150 lbs.	40c	\$31.00	\$16.00	\$8.25	\$3.40	\$1.70	
65	3257	Grimm—“Dakota” Gov't Grade No. 1.....	130 lbs.	45c	55.00	28.00	14.25	5.80	1.00	
65	3278	Grimm—“Alberta” Gov't Grade No. 3.....	130 lbs.	45c	48.50	24.75	12.65	5.35	1.00	
65	3326	Grimm—“Alberta” Registered.....	100 lbs.	45c	60.00	30.50	15.50	6.30	1.10	
65	3323	Stock 3323 “Alberta” Gov't Grade No. 3.....	130 lbs.	45c	35.00	18.00	9.25	3.80	.70	
		CLOVER								
66	3259	Common Red—Gold Standard.....	150 lbs.	40c	\$30.00	\$15.50	\$8.00	\$3.30	.60	
66	3260	Common Red—Gilt Edge.....	150 lbs.	40c	29.00	15.00	7.75	3.25	.60	
66	3270	Mammoth Red—Gold Standard.....	150 lbs.	40c	36.00	18.50	9.50	3.90	.65	
66	3275	Alsike—Gold Standard.....	150 lbs.	40c	27.00	14.00	7.25	3.00	.60	
66	3276	Alsike—Gilt Edge.....	150 lbs.	40c	26.00	13.50	7.00	2.90	.60	
66	3261	White Dutch—Gold Standard.....	150 lbs.	40c				8.00	1.10	
		SWEET CLOVER								
67	3273	White Blossom—Gold Standard.....	100 lbs.	15c	\$12.50	\$6.75	\$3.65	\$1.60	.50	
67	3274	White Blossom—Gilt Edge.....	100 lbs.	15c	11.50	6.25	3.40	1.45	.50	
67	3332	White Blossom—Arctic.....	100 lbs.	15c	21.00	11.00	5.75	2.40	.60	
67	3330	Yellow Blossom—Gold Standard.....	150 lbs.	40c	16.00	8.50	4.50	1.90	.50	
67	3331	Annual White Blossom—Hubam.....	120 lbs.	20c	40.00	20.50	10.50	4.30	.75	

CONDITIONS OF SALE

While we (A. E. McKenzie Co., Ltd.) exercise care to have all seeds pure and true to name, we do not give, and our employees and agents are forbidden to give, any warranty, expressed or implied, as to purity, description, quality, productiveness, or any other matter of any seeds we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, we are to be at once advised, and money paid for same, including freight, will be promptly refunded.

SUNFLOWER

The raising of live stock and more intensive methods of Agriculture very readily reveals the necessity for more forage and silage crops. Considering the fact that Sunflower prior to 1922 had only been generally cultivated for two or three years for silage, the acreage sown during the past year was simply enormous. The results, generally speaking, have been satisfactory. This fact, however, would have been more patent had the climatic conditions in the months of September and October been unfavorable to the maturing of Corn.

There are districts where the planting of Corn is a considerable hazard on account of early frosts. It is now becoming generally known that Sunflower resists frost as we indicate below. Sunflower is a great boon to many sections of the country.

Using Sunflower in ensilage form is conceded the best method and results have been most gratifying. However, at Manitoba Agricultural College it has been fed as fodder and the cattle ate it readily. Leaving it in the field until the end of November, it was brought in, put through a cutting machine, sprinkled with water, then covered and left standing for a few hours until it thawed out. It was then fed with satisfactory results.

1290—Manchurian

We import the seed of this stock from Manchuria, Asia. It grows in great abundance in that country.

In the season of 1922 we sold many thousand pounds of this particular variety. The seed is dark striped and is larger in size than the seed of "Giant Russian" variety.

"Manchurian" does not grow quite so tall and rank as does the Giant Russian but it matures one to two weeks earlier than Giant Russian and possesses better feeding value.

We have a splendid clean stock and would recommend our customers to place their orders early. Our purchases enable us to give buyers the advantage of a very reasonable price considering the higher prices prevailing this year.

See Colored Price Sheets Pages 49 to 56 inclusive.

HOW TO GROW SUNFLOWER

TIME TO PLANT.—Sunflower seed should be planted by May 5th, but not later than May 15th. The earlier between these dates the better.

PREPARATION OF SEED BED.—Ground that has been prepared the previous fall should be used. The better the preparation the better the results. The soil should be clean from weeds and warm. Before planting one stroke with harrows across the field will be helpful in warming up the soil.

QUANTITY OF SEED.—8 to 12 lbs. per acre is sufficient.



GIANT RUSSIAN SUNFLOWER—NOTE HEAVY FOLIAGE



SUNFLOWER HEAD

1288—Giant Russian

More people in Canada are familiar with the Giant Russian variety than the Manchurian. This may be accounted for by the fact that Giant Russian is domestic production or grown in United States.

The seed has a grey stripe but not so large as the Manchurian.

Giant Russian grows very rank, producing more tonnage to the acre than Manchurian. In the years 1920 and 1921 there was a wonderful harvest, but in the year 1922 a decided crop shortage resulted in a very sharp advance in the price as compared with the low prices that we supplied this seed for in 1922. We are furnishing this seed at the lowest possible price, present crop considered. Our stock of seed is choice, well cleaned and of high vitality.

See Colored Price Sheets Pages 49 to 56 inclusive.

HOW TO SOW.—If you have not got a Corn planter use an ordinary grain drill. Block spouts so as to plant in rows 36 inches apart. Plant two inches deep. It is best for plants to be about six inches apart. After planting give one stroke with surface packer.

CULTIVATION.—When the young plants are three to four inches high, a two rowed Planet Jr. with side board may be used for cultivating close up to the plants. Unlike Corn, Sunflower should not be harrowed—otherwise same cultivation as adapted to Corn. Experience has proven that Sunflowers eradicate annual weeds.

HARVESTING.—The best stage for silage is when all heads are formed and seed just beginning to ripen in the most matured heads. Sunflower may be cut with an ordinary binder or a Corn binder.

GROWING AND FROST CONDITIONS.—It has been found that Corn grows little or none after September 1st, whereas Sunflowers will continue to make splendid growth two or three weeks later or until nights of 3 or 4 degrees of frost arrive. Sunflowers will withstand 3 degrees of frost. It should be cut before damaged by frost. Sunflowers not only grow more rapidly at similar temperatures but they grow at lower temperatures than Corn. In the Spring the earlier planting gives Sunflower a lead over Corn of two or three weeks and a further two or three weeks in September.

SILAGE.—Thirty to forty per cent Corn mixed with Sunflower makes excellent ensilage. In districts where Corn can be successfully grown this is recommended although Sunflower makes good silage alone.

CORN OR SUNFLOWER, WHICH?—Undoubtedly Sunflower is a valuable addition to the fodder crop of this country. It possesses so many advantages that if a farmer has got to choose between Corn or Sunflower he will select Sunflower especially if Corn cannot be successfully grown.

TONNAGE.—Some very interesting comparisons of Sunflower and Corn have been made. Sunflower yields at least double the tonnage of Corn and very often very much more. Note results of a comparative test at Manitoba Agricultural College: Yield per acre (two-year average).

	TONNAGE PER ACRE	MOISTURE CONTENT
Corn	11 tons, 1640 lbs.	68%
Sunflower	31 tons, 1540 lbs.	84%
	Sunflower more succulent.	

COMPARATIVE FEEDING VALUE.—It has been found that good silage Sunflower, properly fed, is just as fattening or if fed to dairy cattle will produce milk equal to Corn. All kinds of stocks like Sunflower and there is no waste. Feed 30 lbs. of silage per day to a cow. The seed from ripened sunflower heads makes excellent feed for poultry.



SEED CORN

Grown in Western Canada

Seed Corn grown in Manitoba, Saskatchewan, Alberta.

The long looked for has come—Seed Corn actually grown in the prairie provinces: harvest of 1922.

In our 1918 catalogue we stated as follows: "The Corn belt has not moved north sufficiently for maturing Corn in Western Canada for seed purposes."

The year following (1919) we go on record in our catalogue as having stated: "We are as optimistic as ever in regard to the future of Corn in this Country."

A FIELD OF
MANITOBA CORN

A DREAM—A REALITY

In the pioneer days of forty years ago he would be a very sanguine gentleman who would aver that Corn of highest seed quality would be produced in carload quantities in the harvest year 1922 in the province of Manitoba, and what was then the Northwest Territories. What at one time seemed a dream and a mere conjecture has become a reality in the development of Corn growing in this country. The fact that we are offering this year several thousand bushels of Corn, some of it grown in the province of Manitoba, part in Saskatchewan and part in Alberta, should be encouragement to every Corn grower to persist in his effort to produce Corn for seed in this country.

With the exception of a few bushels, we have never hitherto offered home grown seed stock of our leading varieties. Now that a beginning has been made there is probability of our being able to offer it in quantity more or less each season in the future, with the exception of years which may be termed "off" years, which sometimes occur even in states to the south devoted to Corn production.

Alberta Grown

We opened a branch house in Calgary taking off our first season Spring 1908. For several years our sale of Corn in the province of Alberta was confined to a few bags. About the year 1912 our sales commenced to increase. The growing of Corn in the last six years has increased surprisingly until we are now in a position to offer nearly one thousand bushels of Northwestern Red Dent actually grown in the province.

If the history of Corn growing in the Prairie Provinces was written, it would be as interesting reading as a romance.

Intensive Farming

The whole tendency of agriculture in this country is in the direction of more intensive methods. Just as the cultivation of grasses and clovers are an integral part of intensive methods in crop rotation, similarly, the growing of Corn constitutes an important link in the production of cereals. All these will increasingly find a larger place in our agriculture as years go by. Labor conditions are forcing better farm management. Advanced methods is one of the best weapons that can be exercised to decrease production costs.

Bigger Crops of Corn

We venture to say that fully 90 per cent. of the buyers of Corn in this country care little or nothing about the yield of Shelled Corn so long as sufficient tonnage of fodder is grown on the farm to



A JULY PICTURE OF AN ALBERTA CORNFIELD

feed the stock. The next ten years will see a remarkable change. Planters will become more and more exacting in regard to their purchases of seed Corn. They will want to know its pedigree, where grown and all about it. Planters will not be satisfied with a yield of 40 or 50 bushels per acre, but an effort will be made and a spirit of rivalry will exist to grow 80 bushels of Shelled Corn per acre.

It is a fact that there is a great difference between Corn of ordinary quality as compared with stock which has the inherited qualities to produce larger crops of superior pedigree. Overwhelming evidence can be submitted as a result of multitudinous comparative tests which prove the increased value of high bred Corn. In this respect what applies to breeding in wheat equally applies to Corn breeding.

A Tribute

There have been a number of growers in this country who have been devoting special care and attention to the growing of Corn, adopting most advanced methods of selection and breeding. This work, in most cases, has been carried on under discouraging conditions, but they have continued to carry on their work in an undaunted manner. Through their efforts a real contribution is being made to this country which owes them a debt of gratitude. Up to the present time little is known of their efforts. The time is coming, however, when their splendid work will be more fully recognized and appreciated than it is today.

Our stocks of Western Canadian grown Corn comprise the following varieties, viz:

Northwestern Red Dent.

North Dakota White Flint.

North Dakota Yellow Flint (Gehu).

White Flint Improved Squaw.

For description of these particular stocks and offerings, see pages 59 and 61.

Western Canada Grown Seed Corn

Northwestern Red Dent

Western Canadian Grown

Since the introduction of Northwestern Red Dent to Western Canada it has maintained the distinction of being first among the dent varieties.

This Corn possesses distinct characteristics, having red kernels with a yellowish cap, being a cross between Red Flint and a Yellow Dent. Those who take exception to the color may well waive their objection when it possesses so many points of excellence and has no superior as an early all round variety. In Manitoba, Saskatchewan and Alberta this variety is more certain to mature than any other dent sort especially if grown from "McKenzie selected seed."

"Northwestern Dent" grows a fine leafy stalk of excellent feeding value and in favorable seasons brings to maturity a cob 10 to 13 inches long. It is early, very productive, maturing in 85 to 90 days. The foundation seed stock from which the stock we now offer was produced, yielded in the year 1921 at the rate of 80 bushels of shelled corn per acre. Naturally it will give best results when sown on fairly rich soil.

Our stock of Western Canada grown Northwestern Red Dent is the result of careful selection and these repeated selections from year to year, coupled with careful cultivation and attention have produced the most superior sample of Dent Corn, that has ever been our privilege to inspect. The sample is so excellent in appearance, the kernels being so large and well-developed that it hardly seems possible that such a remarkable sample could be produced outside of what has been commonly known as the "Corn Belt."

Undoubtedly the stock which we have will not be adequate to meet the increasing demand from buyers taking a greater interest in Corn growing.

Rather than be entirely without this western stock we suggest sending in an order for a portion of this special seed and the



NORTHWESTERN RED DENT

balance of requirements from our Dakota or Nebraska Grown stock of either Northwestern Dent or other varieties.

The most progressive growers will find it necessary to do a certain amount of experimenting in Corn each year and if they do, they will be repaid in the end. Corn growing has only commenced in this country.

THREE STOCKS—

- 3300 NORTHWESTERN DENT, Western Canadian Grown, as described on Page 58.
- 3310 NORTHWESTERN DENT, North Dakota Grown, as described on page 60.
- 3315 NORTHWESTERN DENT, Nebraska Grown, as described on page 60. See colored price sheets pages 49 to 56 inclusive.

3314—North Dakota Yellow Flint - (Gehu)

Western Canadian Grown

If there is any one variety more than another which has been grown with a fair degree of success in this country in previous years, in limited quantities, it is this North Dakota Yellow Flint, or sometimes known as "Gehu." It resembles "White" flint in earliness, hardiness and habits of growth, but the kernels of Corn are distinctly clear amber color.

It produces abundant fodder although not quite so prolific as Northwestern Dent. The yellow cobs averages 8 to 10 inches in length. It is one of the most dependable varieties known for maturing in this country.

Under normal conditions this variety will mature in 70 to 75 days. It is known to produce a yield up to 75 bushels per acre. The average height of stock is 5 feet and the average distance base of ear from ground is 1½ feet.

We handled this variety many years ago but discontinued for a number of years; but its record in recent years has been so good that we feel justified in not only listing it in our catalog but commending it to the attention of Corn growers.

As above stated, this particular stock has all been grown in one of the prairie provinces. It is a fine sample—the result of careful selection and breeding.

See Colored Price Sheets Pages 49 to 56 inclusive.

3307—Improved Squaw —White Flint

Western Canadian Grown

The stock herein offered of Western Canada Grown "Squaw" is an improvement on the old pioneer Corn commonly known as "Squaw." Perhaps it requires less introduction to the growers of this country than most other varieties. It is distinctly a flint sort and undoubtedly occupies a fairly valuable place in Corn growing.

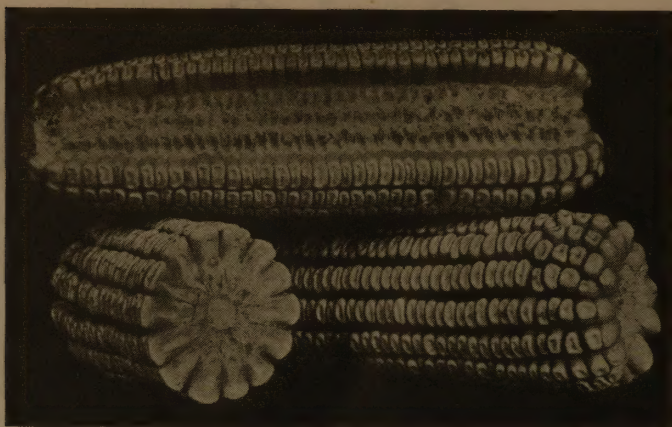
It is now a well established fact that there are several varieties of Corn possessing much superior qualities to improved Squaw that can be successfully grown in the prairie provinces. As the years go by these standard varieties will continue to improve and give better results. For this reason we are inclined to the view that these varieties will gradually replace the wide use that Improved Squaw enjoys at the present time.

The two outstanding characteristics of "Improved Squaw" are earliness and hardiness. It is of dwarf habit. Because the other varieties possess so many more superior qualities and larger tonnage renders Improved Squaw less attractive.

In districts subject to early frost we would encourage growers to plant either North Dakota Yellow Flint (Gehu) or North Dakota White Flint. Both of these varieties will mature almost as early as Improved Squaw and are a much more prolific plant.

The stalks of Squaw grow from 4 to 6 feet high and ears are about 7½ inches long. On account of its height it is very useful for hogging off. We have a splendid stock which has been carefully selected for trueness to type, earliness and hardiness and is distinctly Western Canadian grown.

See next page for additional varieties of Corn



MINNESOTA 13 YELLOW DENT

AMERICAN GROWN Northern Corn

Now that Western Canada has got off to a good start in the growing of Corn for seed purposes, it is necessary to sharply differentiate between Corn grown in the provinces of Manitoba, Saskatchewan and Alberta as against Corn grown in the Republic, in the states of Minnesota and North Dakota in particular.

In Past Years

Prior to the crop of 1922 Western Canada has had to depend almost solely upon United States as a source of supply. The stocks offered to planters in this country have been sold by us under two captions, viz: NORTHERN GROWN CORN, which we have confined to stocks grown in the states of Minnesota and North Dakota, as near the international boundary line as these stocks were produced in commercial quantity.

Other stocks offered were those designated SOUTHERN or LATER MATURING, produced in states in the American union south of Minnesota and North Dakota.

Two Uses

From now on there will be two objects held in view by planters in this country, viz:

- 1st: To grow Corn as a grain for its feeding value.
- 2nd: To plant Corn for the purpose of producing "silage."

Silage

There are two methods which may be adopted in the production of silage, viz:

- 1st: It does not take very long for the experienced feeder to recognize the importance of having a "grain ration" in the silage. He realizes in order to have matured Corn on the cob in the silage, that this can only be gained by planting Seed Corn which by SELECTION and BREEDING will mature in this country.
- 2nd: Up to the present time we would say that 90% of those who plant Corn for silage in this country have been more or less indifferent as to the pedigree of Corn seed planted. To all such, Corn is Corn. There is not a shadow of doubt that seed Corn grown south of Minnesota and North Dakota will produce in this country abundance of silage. As to this there is no argument, but then the silage is more likely to lack that essential ingredient grain ration intermixed.

The Day Has Arrived— It is Now Here

When buyers of Corn in this country will sharply discriminate in favor of Corn stock which has a breeding for earliness, hardiness, and sure adaptability for ripening in the provinces of Manitoba, Saskatchewan and Alberta. Mark it well. There is nothing surer.

SEED CORN

Corn Values and Prices

When a person realizes that breeding in animals counts, at that moment the "scrub" animal gets less and less recognition. It is equally true, that after growers get to understand the importance of planting seed Corn stock that has been built up by selection and breeding and grown in the prairie provinces, that the time is not far distant when they will be less concerned in the difference in price of stock bred up in the north as compared with stocks grown further south. Price is the last consideration that should be brought to bear in the buying of seed stock. It is well to project one's thought a little further ahead by a realization of the fact that in the buying of seed it is the purchase of a crop and not the seed only.

Minnesota 13 Yellow Dent

We have been handling this variety of Corn for some years. It has given most satisfactory results.

This variety was developed and introduced by the Minnesota State Experiment Station. It possesses three cardinal characteristics which make it such a splendid variety for Western Canada, viz: earliness, enormously productive, its adaptability to varied soil conditions and climate.

Not only is it the earliest yellow dent used in this country, but it has the ability to produce abundance of tonnage. This is a most indispensable requisite. It may be a few days later in maturing than Northwestern Dent but produces a little more fodder. It is claimed that the dent varieties are better than the flint for silage purposes as they are less liable to become sour.

Some varieties require to become acclimatized to soil and climatic conditions, but this is not so essential for Minnesota 13. The stock grows to a height of 7 feet; being leafy it makes the very best of nutritious fodder.

Two Stocks

We have two stocks of this variety. One lot is produced in the state of North Dakota, a little over one hundred miles south of the international boundary. The kernels are somewhat smaller than usual owing to the drought conditions which prevailed in the locality where grown.

Our second stock of this variety was grown further south than the state of North Dakota but is an excellent sample.

In buying seed Corn make sure where it was grown. Simply to say "Northern Grown" is not sufficient.

3324 Minnesota 13—Dakota Grown.

3311 Minnesota 13—Nebraska Grown

See Colored Price Sheets pages 49 to 56 inclusive.

Cash Deposit

We will accept your order if accompanied by a remittance of at least 25% of your order.

Balance payable when seed ordered forward. All seed so ordered will be reserved and stored without charge. Final shipping instructions must be given by April 10th.

ORDER EARLY.

SEED CORN

3313—Longfellow Yellow Flint

This is an excellent yellow flint variety. Many years' planting in this country have proven it to be one of the best flints. The cobs are eight rowed, about eleven inches long. It is quite early and produces an abundant tonnage per acre. The individual plants are very leafy and succulent. Those who like flint varieties feel very kindly to Longfellow. Stock splendid looking sample.

3313—NEBRASKA GROWN

See Colored Price Sheets pages 49 to 56 inclusive.

3301—Yellow Cob Ensilage Fodder

This is a late maturing variety and listed solely for those whose interest does not extend beyond the mere matter of getting a Corn that may or may not mature. One may be successful in obtaining a considerable amount of fodder for late summer feeding. It produces abundant leafy succulent fodder, is a vigorous grower in normal seasons, growing to a height of 8 to 10 feet. The stock herein offered is Nebraska grown.

3301—NEBRASKA GROWN

See Colored Price Sheets pages 49 to 56 inclusive.



LONGFELLOW

3222—North Dakota White Flint Western Canada Grown

This variety has been grown in this country for a period of years with very considerable success but never before have we been able to offer to Corn users stock brought to maturity and cured for seed as in the case of this Western grown stock we are now offering.

Corn experts have attributed to the Indians much credit in the selecting and development of this variety years ago in North Dakota. Some claim that it is a selection from Squaw Corn. It undoubtedly is now much superior in quality to Squaw and produces considerably more fodder.

It usually grows 5 to 6 feet high. Cobs are about 8 inches long, growing about 3 feet above the ground. It is one of the earliest fodder Corns in cultivation. Its exceptional hardiness and adaptability have established this variety in the confidence of many western growers.

If you are interested in growing "flint" in preference to "dent" we commend to critical buyers this, our genuine Western Canadian grown stock, which is perfectly acclimated, hardy and carefully selected for its vitality and trueness to type.

3222—Western Canada Grown.

3312—North Dakota Grown.

See Colored Price Sheets pages 49 to 56 inclusive.

It Will Certainly Pay to Grow More Corn

Cash Deposit.

We will accept your order if accompanied by a remittance of at least 25% of your order.

Balance payable when seed ordered forward. All seed so ordered will be reserved and stored without charge. Final shipping instructions must be given by April 10th.

ORDER EARLY.



HARVESTING CORN—NOT AN UNUSUAL SCENE NOW IN WESTERN CANADA

Brome and Western Rye Mixed

For hay purposes only, many growers like to sow a mixture. Brome and Western Rye when sown together make a splendid blend for this purpose. For pasture only, it is deemed advisable to seed Brome alone.

Our years of experience have enabled us, with the addition of up-to-date facilities, to produce a well balanced mixture of these two grasses. We have pleasure in offering to those who are particular and want the "best," our re-cleaned, tested stocks.

3282—See Colored Price Sheets pages 49 to 56 inclusive.

GRASSES

Agriculturally speaking, we are living in a period of rapid transition where old ideas and antiquated methods must give place to a new order insofar as prudence leads the way. Refusal or neglect to keep step with the advancing period, that is, in the adaptation of methods and systems to meet new agricultural problems, usually means failure.

Old and New

The day when farmers depended upon the wild hay crop is past and gone. Every progressive farmer to-day finds it necessary to devote acreage to the cultivation of our domestic grasses and clovers. The cultivation of these is inseparably bound up in more intensive methods of culture and crop rotation.

Failure

Failure to embody Grasses and Clovers in the farm program only marks the time when the operator wakes up and asks himself the question, "What is wrong with my methods?" Better is it to develop the farm program along lines of safety and progress than to be chastened by the bitter experience of hardship and failure. There is no way of escape other than to apply latest methods in good farming.

WESTERN RYE

EASILY SOWN

EASILY GROWN

EASILY MOWN

(Agropyrum tenerum)

The Well Known Bunch Grass of the North-West.

Known in some districts as Slender Wheat Grass.

Mr. Kenneth McIvor, a much respected and pioneer farmer, Virden, Man., deserves the credit of having discovered Western Rye. He found plants of this grass growing wild on the prairie and it was through his efforts that this grass became domesticated, and brought under general cultivation. As a grass it has an honored place in the agriculture of this country. It is not a pasture grass; it bunches too much and grows in clumps at the roots. It has entirely a different root system from Brome grass. It is best adapted for hay purposes yielding from 1 to 3 tons per acre. Western Rye Grass is least affected of any grass when sown on alkali soil.

Western Rye will make good hay when sown alone at the rate of 14 lbs. per acre. It will, however, possibly make better hay when sown with Brome Grass seed on a basis of 5 lbs. Brome to 7½ lbs. Western Rye per acre. Some growers have attained very good pasture results from sowing 2 lbs. Alsike, 2½ lbs. Red Top, with 12 lbs. Western Rye.

Western Rye Grass is a perennial, and in order not to lose the benefit of a crop the first season it may be seeded with grain as a nurse crop. It is claimed, however, by some farmers that if seeded alone it yields a greater tonnage of hay.

Having the finest equipment and most improved machinery enables us to make our stock the finest and purest in the West; free from noxious weeds and of highest germination.

Land sown with Western Rye grass and mown for 2 or 3 years, if broken up, will be found to be sweet and clean, almost like new breaking.

3245—Gold Standard.

3246—Gilt Edge.

See Colored Price Sheets pages 49 to 56 inclusive.



BROME

BROME (Bromus inermis)

FROST RESISTING. DROUGHT DEFYING.

Pre-eminently the Grass for the Canadian West.

Each year marks a steady increase in the demand for this wonderful grass. Its adaptability to soil and climate, its general all round qualities, make it the most indispensable of any of the grasses used in this country. Having been seeded in this country under all kinds of conditions for a period of over twenty years, Brome is by no means an experiment. There can be no doubt that Brome is our most important grass. It is first to give early pasture immediately the snow is off in the spring and it affords, more than any other grass, abundant pasturage until the snow becomes so deep in the fall that animals are no longer able to reach it.

Note the following interesting features:—

- (1) Its ability to withstand sudden climatic changes—no amount of cold seems to kill it.
- (2) Its phenomenal drought-resisting qualities.
- (3) In dry Summer it produces more green food than any other grass.
- (4) Will thrive on loose and poor land.
- (5) Especially valuable for seeding down soil which is subject to "drifting".
- (6) Flourishes under unfavorable conditions better than other grass.
- (7) It is considered the best grass for pasturage purposes; is better adapted as a pasture grass than for hay.

Its further usefulness is fully demonstrated by its adaptability to any soil, and its indifference to the tramping of cattle makes it especially important in sandy and gravelly pastures.

Fourteen pounds is the quantity recommended per acre when sown alone for pasture. Ten pounds is sufficient for a meadow. May be sown any time up to 1st September if there is sufficient moisture and the ground is in shape. Brome seed is exceedingly difficult to clean.

3247—Gold Standard

3248—Gilt Edge

See Colored Price Sheets pages 49 to 56 inclusive

TIMOTHY

(*Phleum pratense*)

Of the standard varieties of grasses in general use to-day Timothy is one of the oldest, it having been in cultivation in America for at least a period of 200 years.

In the eastern provinces of Canada, the northern, central and western states, Timothy is more generally cultivated than any other grass.

It is only recently that its cultivation has received any attention in the Prairie Provinces, although well suited to our Canadian West soil and climatic conditions. As the years pass Timothy will gradually occupy a larger place in our agriculture.

Our farmers are discovering that the cultivation of grasses is an integral part in the program of good farming. Timothy possesses so many excellent qualities for hay purposes that the seeding of larger acreages is sure to follow.

It is distinctly a meadow grass, by this we mean cultivated exclusively for meadow or hay purposes. It is not likely to be highly regarded at any time as a pasture grass comparable to Brome, which is unsurpassed for this particular purpose.

Timothy makes excellent hay, is productive and possesses nutritive qualities for feeding purposes. The seed of Timothy has a place in the markets of the world among grasses just as Wheat has its place in the world's markets in respect to cereals. There is usually a fair market for Timothy seed and its cultivation for seed production will greatly increase in this country.

The Timothy plant is peculiarly adapted to heavy soils, extreme winter conditions have no damaging effect. Sometimes it is affected by repeated thaws in the winter followed by extreme frost.

It is a perennial which succeeds well with a nurse crop or may be successfully sown alone. Does exceptionally well in mixtures and where its cultivation is more general it is used extensively with Red Clover. Six pounds is usually sufficient to seed one acre.

3243—Gold Standard

3244 Gilt Edge

3284—Silver Standard

See Colored Price Sheets Pages 49 to 56 inclusive.



TIMOTHY

McKenzie "O.K." Pasture Grass

In Western Canada, and in many parts of the United States, grasses are cultivated extensively from the seeding of mixtures. These mixtures may be composed of grasses exclusively, or grasses and clovers. As the years go by the cultivation of mixtures of grasses and clovers is likely to come into greater vogue in the prairie west provinces. For years past we have been offering to grass seed growers of this country our "McKenzie O. K. Pasture Grass" which has given splendid results wherever used.

This mixture is a balance of grasses and Clovers that are best adapted (it contains proper varieties and correct percentage of each to give satisfactory results) to the soil and climatic conditions in this country. There are sections of country where an individual grass sown alone has not succeeded. Because a certain grass sown has not succeeded the planter should not conclude that his land is not adapted to the cultivation of standard grasses. A mixture such as we offer in "McKenzie O.K. Pasture Grass" while adapted to any part of the country should be tested out in locations where other grasses, sown singly, have not been a signal success.

"McKenzie O.K. Pasture Grass" thrives under the most severe climatic conditions, will produce excellent meadows. It produces excellent pasture.

See Colored Price Sheets Pages 49 to 56 inclusive.

3252—Red Top

(*Agrostis vulgaris*)

Also known as Herd's Grass

This is especially valuable sown in mixture with Timothy, Brome, Western Rye, or Clovers, as it is of a more permanent nature than other grasses. Should be fed close, as cattle relish it more as a pasture than hay. It is very robust growing and establishes a protection growth for other grasses.

Grows most luxuriantly on moist, rich soils. It will produce a Fall crop on coarse gravelly land and has succeeded on Alkali land when other grasses have failed.

See Colored Price Sheets Pages 49 to 56 inclusive.

3251—Canadian Blue Grass

(*Poa compressa*)

Very similar to Kentucky Blue, but grows coarser and the stem is more flattened. It can be grown on poor soils where Kentucky would not thrive; even on hard clay soils it will produce a luxuriant growth. Grows about two feet high. Makes exceptionally fine hay, greatly relished by stock of all kinds.

We do not recommend it for general use like Brome, Western Rye grass or Timothy; like Kentucky it is essential that the seed bed be more carefully prepared than is necessary for coarser grasses.

See Colored Price Sheets Pages 49 to 56 inclusive.

Kentucky Blue Grass

(*Poa pratensis*)

Nature is very lavish in its endowments.

In the animal kingdom, whether it be horses or cattle, we find distinct types which are peculiarly adapted to specific purposes.

The same holds absolutely true in plant life. Kentucky Blue grass has a distinct use from such grasses as Brome, Western Rye, Timothy.

"Kentucky Blue" appeals to the aesthetic side of life—it suggests refinement. It is artistic as a grass. It possesses those qualities capable of creating beautiful environment. It gives a proper setting and a touch of beauty in every surrounding.

"Kentucky Blue" is one of the indispensable ingredients in the composition of best mixtures for lawns, parks, sporting grounds and such like.

It withstands the rigors of a severe climate—offers fair resistance to drought conditions. Being a perennial it makes a splendid permanent grass. Further reference see page 2 of cover.

3249—Gold Standard.

3250—Gilt Edge.

See Colored Price Sheets Pages 49 to 56 inclusive.

3242—Meadow Fescue or English Blue

(*Festuca pratensis*)

Specially recommended for permanent pasture. It makes excellent hay, the leaves or herbage being succulent and tender. One of the most valuable grasses either for mowing or pasture, as it is very productive and the fodder good. Roots penetrate deeply. It withstands freezing very effectively.

See Colored Price Sheets Pages 49 to 56 inclusive.

3280—Sudan Grass

A Great New Drought-Resistant Hay Annual

We introduced it into Western Canada in the year 1916. It immediately proved its merit as a distinctly valuable forage plant. It can be pastured or cut and made into hay, the quality of which is unequalled, or it can be used for ensilage.

Sudan Grass is strictly an annual and dies each year like Millet. Grows to a height of four to six feet and will make a greater yield of forage under adverse conditions than anything else we know. Climatic conditions seem to have very little effect upon it. Stock of all kinds eat it readily. The food value is second only to Alfalfa. It is a seed-bearing plant of the Millet type with broader leaf resembling corn. Sow after all danger of frost is past. For a hay crop, sow broadcast at rate of 20 pounds per acre. A rather firm seed bed is best. The ground should be well prepared.

For the past couple of seasons Sudan Grass has been very low in price. The crop of 1922 of Sudan and of Millet has been very disappointing in yield, consequently the prices for Sudan and Millets are considerably higher this year. We would like to see all our customers try Sudan Grass as we are confident it will prove a valuable forage plant.

See Colored Price Sheets Pages 49 to 56 inclusive.

The Quick Annual Fodder Plant

MILLET

Millet is one of the most important annual forage plants. It fills an important place in the farming program. Being an annual it is quick growing, very prolific and succeeds exceedingly well under average soil and climatic conditions.

The fore part of June is the favorite time for seeding. None of our annuals are a surer catch crop than Millet. It arrives at a haying condition so early that it can be fed during the summer season and thus save other hay crops for use during winter.

Valuable Fodder Plant

The feeding value is excellent. Horses, Cattle and Sheep eat it readily, either as a pasture crop or when cured for hay. If required for Horses, it should be cut before the seed forms, or for Cattle, while it is in the milk stage. It is especially adapted to light rainfall conditions and withstands hot weather.

Increased Demand

It is amazing how the demand for Millet has increased in this country. It is not very long ago when one hundred bags would satisfy the needs of Western Canada. To-day it takes many many carloads to meet the demand. Nothing is more convincing as to its utility.

We have substantial stocks of high grade seed. On account of scarcity of seed it is considerably higher in price this year than usual. However, when it is considered that it only takes 20 lbs. to seed an acre it is not expensive seeding.



COMMON MILLET

3297—Early Fortune

Seed is readily distinguished from other varieties, being a beautiful red color and the size of seeds 2 to 3 times that of Common. It is very early and harvests in from 25 to 35 days. It yields an abundance of feed and is a prolific yielder in respect to seed production. Experience has proven that it may be fed to horses and other stock without injury.

This variety more closely resembles Hog Millet than any other sorts except for color of seed.

See Colored Price Sheets Pages 49 to 56 inclusive.

3232—Common or White

The most popular and generally used variety. Usually grows from 2½ to 4 ft. high and makes excellent hay. Should be sown at the rate of from 20 to 30 lbs. per acre. All kinds of stock relish and eat greedily of this grass. Its luxurious growth and rich flavor make it a most desirable feed for dairymen. If allowed to ripen for seed a crop of 60 to 80 bushels per acre is not unusual. This if sufficiently clean, can generally be sold for seed, but but if not it provides profitable feed for all kinds of stock, including poultry.

See Colored Price Sheets Pages 49 to 56 inclusive.

3234—Siberian

This plant was introduced into this country from Russia. It matures earlier than "Golden" Millet and is one of the most valuable from the standpoint of tonnage per acre. Possesses drought resisting qualities, quite hardy and will mature about 2 weeks earlier than Golden. The stems are very leafy and tender, making excellent hay. It is a variety that stools well—as many as 25 to 30 stalks have been grown from one seed.

We have found a very excellent demand for this variety.

See Colored Price Sheets Pages 49 to 56 inclusive.

3231—Golden

This is one of the earliest of the fox tail Millets. The seeds are small, of a golden yellow color. 20 lbs. of seed is ample to seed an acre. It makes an excellent hay crop, yielding from 4 to 5 tons per acre, growing to a height of fully five feet. Can be grown successfully either for hay, silage, or if desired, the seed may be allowed to ripen and be threshed when it will provide excellent feed.

See Colored Price Sheets Pages 49 to 56 inclusive.

3235—Hog or Broom Corn

This variety is very similar to Early Fortune Millet except the seed is yellowish white in color. It develops a very vigorous leafy plant and makes a splendid feeding substitute for Corn where the latter cannot be safely grown. The seed is quite large and is of great value for Poultry and Hog feeding. The plant is a heavy producer of seed, yielding from 60 to 70 bushels per acre. The seed has a very fine appearance.

See Colored Price Sheets Pages 49 to 56 inclusive.

3233—Japanese

This variety has sometimes been nicknamed Billion Dollar grass, doubtless because of its ability to produce marvellous tonnage per acre. It is entirely distinct from all other Millets, grows from 6 to 9 feet high and stands very erect. When well cured makes splendid hay and it is claimed by some feeders to be equal if not superior to Corn as fodder. It succeeds best if sown in drills 12 to 18 inches apart, using seed at the rate of 10 to 12 lbs. per acre. If sown broadcast, use at the rate of 15 lbs. per acre. The plants should be cultivated until 18 inches high.

It will succeed best in moist situations.

See Colored Price Sheets pages 49 to 56 inclusive.

3230—Hungarian

On account of scarcity of crop we are unable to offer this year.



EARLY FORTUNE MILLET

ALFALFA

Both Forage and Fodder Crop

It is now well established that Alfalfa can be successfully grown in the Prairie Provinces of Western Canada.

Considerable credit is due particularly to farmers in Alberta who have been specializing in the cultivation of Alfalfa. As years pass the results of their labors will be better known and appreciated.

The success of Alfalfa growing depends largely upon the hardiness of the seed stock. We are recommending on this page only such stocks as we know are capable of giving results to western growers.

3255—Turkestan (*Medicago sativa*)

This variety is a native of Turkestan grown on the high Table lands of that country. It was introduced into Western Canada several years ago and has given general satisfaction.

It is well adapted to any of the Prairie Provinces. Some growers have discovered that there is no object in paying big prices for other varieties of seed when satisfactory results can be obtained from the seeding of Turkestan.

The genuine imported seed, as this is, is a little dull in color, not quite as bright in appearance as Canadian grown stock. It is quite hardy and of strong vitality—both of which characteristics are indispensable to the successful cultivation of alfalfa in this country.

As usual, we have been careful to select true strain Turkestan and have pleasure in again offering this variety to growers of Western Canada.

3255—Turkestan Imported

Canadian Government Grade No. 1

See Colored Price Sheets pages 49 to 56 inclusive.

3257—Grimm, Dakota Grown (*Medicago media*)

We offer this very excellent stock of "Grimm" Dakota grown which we have selected for its high standard of purity, hardiness, and adaptability to our Prairie Provinces.

3257—Grimm—Dakota Grown

Government Grade No. 1.

3278—Grimm, Alberta Grown (*Medicago media*)

This is a variegated type, possessing a branching root system. No variety has shown itself better adapted to Western soil and climatic conditions than "Grimm". Hardiness, ability to resist winter killing and drought conditions are indispensable qualities in Alfalfa.

The seed of Grimm has always sold at a very considerable premium as compared with other varieties with the exception of Liscomb.

ALFALFA GROWN IN ALBERTA

Show traces of Russian Thistle. It is doubtful if Alberta Grown stock in quantity is procurable entirely free. Stock number 3278 is Alberta Grown. It is genuine Grimm Variety.

3278—Grimm, Alberta Grown, Government Grade No. 3

See Colored Price Sheets pages 49 to 56 inclusive.

Stock 3323—(*Medicago media*) Variegated

This stock is Alberta Grown variegated type. It is supposed to be Grimm but the parentage is uncertain. There is trace of Russian Thistle, which accounts for Grade No. 3.

3323—Alberta Grown Government Grade No. 3.



ALFALFA YIELDS A BIG CROP OF THE FINEST HAY

3326—Grimm—Registered Alberta Grown (*Medicago media*)

In the season of 1922 we sold a very small quantity of "Registered" as it was the first year registered and consequently was not produced in commercial quantity. This year, there has been considerably more produced, enabling us to offer it in liberal quantity.

Alfalfa is such an important plant to this country that everything which can be done along the line of seed improvement should be done.

This stock of "Registered" is Alberta grown and has been grown under the rules and regulations of the Canadian Seed Growers' Association. It has been subject to field inspection and after threshing is under the direction of the Association in respect to cleaning so that the stock offered is shipped under seal and bearing the certificate of the Association.

3326—Grimm, Alberta Grown "Registered"

See Colored Price Sheets pages 49 to 56 inclusive.

Clover Inoculating Bacteria

Price one bottle 75c. 5 Bottles \$3.25 Postpaid.

The cultures distributed by us for the past two years have proven very satisfactory. We have them prepared in the Laboratory, just as we require them; consequently they are always fresh. This is a most important factor.

The cultures are put up in wide-mouthed bottles, each containing sufficient for 60 lbs. of seed. No harm will result if it is all used on a less quantity.

As all Legume crops benefit by inoculation, we are prepared to supply cultures for the following: Alfalfa, Clovers, Beans, Vetches, Peas. When ordering state what Legume you desire to inoculate.

SCARIFYING

Of the different Clovers used in this country Sweet Clover, more than any other, requires scarifying, preferably after the seed has been milled once and then when scarified re-milled again. This is necessary on account of the seed itself being enclosed in an outer shell.

All our stocks of Sweet Clover have been thoroughly scarified and re-milled.

Cleaned and prepared seed is worth more money. A fraction of a dollar extra expended per acre for pedigree seed means extra bushels per acre when harvest time comes.



A FIELD OF MAMMOTH RED

Common or Medium Red

(*Trifolium pratense*)

In the Canadian West this variety of seed has been more extensively used than Mammoth. We have no hesitancy in recommending it for general purposes. Makes splendid hay or pasture, can be used in mixtures such as Timothy and Western Rye, or with Alsike. Its nutritive value is of the very best. One of the chief reasons our stocks do so well is because of their careful selection. We offer only Northern grown seed which has shown its ability to withstand our winters. Our seed is carefully re-cleaned, true to type, plump kernels and is extremely hardy.

3259—Gold Standard } See Colored Price Sheets
3260—Gilt Edge } Pages 49 to 56 inclusive

Mammoth Red

(*Trifolium pratense*)

This is much the same strain as Common Red, only that is larger and grows taller. Is used principally for pasture and grazing purposes. It has all the hardiness of our other Clovers and is carefully prepared before it is offered to our customers. Mammoth Red is especially valuable on light sandy soils.

3270—Gold Standard. See Colored Price Sheets Pages 49 to 56.

Sweet Clover

We handle more Western Grown Sweet Clover than any other source of supply.

Our cleaning machinery is especially constructed to handle this seed which is known to be hard to prepare for market. All our seed is carefully cleaned and scarified.

Western grown Clover is much superior to imported seed—it is larger and bright live seed.

CLOVERS

It is not many years ago that a few bags of Clover satisfied the orders which we received from buyers in this country. Each year, for the past ten years in particular, we have noted a marked improvement in demand. When we say this we are now referring to "Red" Clover and "Alsike", not including Sweet Clover.

We anticipate that as the years pass both Red Clover and Alsike will be planted in increased acreages.

Clover is a leguminous plant and is a key crop in rotation. Agricultural practice will increasingly develop along lines of rejuvenating the soil through planting leguminous crops.

For hay or pasturage purposes the use of Clover with other grasses is desirable. It produces abundant rich food relished by most domestic animals.

Clover greatly increases the fertility of the soil in which it is planted. It does not exhaust but enriches it. Being a legume, Clover bears nodules on its roots. These small nodules or bacteria which cling to the rootlets, possess the power to draw the nitrogen from the air and store it in the soil where it can be drawn upon by subsequent crops.

Care should be exercised in the purchase of seed. It is important that the stock purchased should be hardy, possessing vitality to resist winter conditions. They have been carefully re-cleaned, leaving only pure well developed seed of highest germination. These stocks are shipped to the grower under government grade.

SOW NORTHERN GROWN STOCK.

Alsike or Swedish

(*Trifolium hybridum*)

There is more of this splendid Clover used in the West each year. It is a perennial and stands our winter extremely well—sown with Red Clover and Timothy it makes a fine hay, and is used extensively for this purpose. Its growth is equal in height to Red Clover.

Owing to the seed being so small, great care must be exercised in the selection of Alsike; this we attend to very carefully. When you buy Alsike from us, you secure Northern grown seed backed by the McKenzie reputation for quality.

3275—Gold Standard } See Colored Price Sheets
3276—Gilt Edge } Pages 49 to 56 inclusive.

White Dutch

(*Trifolium repens*)

For pasture, this Clover is invaluable because of its high nutritive value. Its habit of growth is different from other Clovers because it is a low, close growing type with round heads and very fragrant. All kinds of stock like it and its rapidity in growing enables it to withstand continuous pasturing, but should never be sown for hay. It is very frequently used in lawn grass. Having a deep root, it is hardy and drought resistant.

3261—Gold Standard } See Colored Price Sheets
3272—Gilt Edge } Pages 49 to 56 inclusive.



ALSIKE OR SWEDISH

SWEET CLOVER

It is only within the past five years that Sweet Clover (*Melilotus alba*), which is a biennial, was sown in the Prairie Provinces. Its introduction was accompanied by a great deal of controversy—this fact notwithstanding it has been brought into general cultivation. Many carloads of seed are now grown annually.

If there is anything that this country requires it is more liberal seedings of plants that are leguminous. In connection with Sweet Clover it has been discovered that the roots bear nodules. These small nodules or bacteria which cling to the rootlets, possess in a remarkable way the power to draw nitrogen from the air and store it in the soil and thus enrich it for subsequent crops.

Sweet Clover possesses other valuable uses. In addition to its ability to refertilize the soil it has diversified uses for seeding purposes. It makes good pasture for cattle, sheep, hogs; will produce abundance of hay and may be even used as a silage crop mixed with other silage. It can be used for honey-bee ranges and chicken ranges.

HARVESTING SWEET CLOVER

There was enormous loss to growers of Sweet Clover in connection with the crop of 1922. The tendency is to cut before it is thoroughly ripened. As to whether or not it is thoroughly ripened seems difficult for many to accurately determine. Ripening condition is very deceiving. It is difficult to give a fixed rule. Cutting should not be undertaken until majority of seed below surface is matured to the shelling stage. If the seed is not well matured before cutting, it cannot be scarified, hulled, or the seed cleaned properly for market. If the hull is in a green state it cannot be removed and this means loss of seed.

White Blossom Biennial (*Melilotus alba*)

Western Canada Grown

Our entire stock is Western grown. We know of no country that produces a finer sample of seed than is produced in the Prairie Provinces. The stock offered herein is an excellent sample and acclimatized to our soil and climatic conditions.

3273—Gold Standard.

3274—Gilt Edge.

See Colored Price Sheets Pages 49 to 56 inclusive

3332—Arctic White Blossom

In the Spring of 1922 we offered in our catalog for the first time Arctic Sweet Clover.

Prof. John Bracken, now the Premier of the Province of Manitoba, and formerly President of the University of Saskatchewan, Saskatoon, obtained a sample of this clover from Prof. Hanson of the Agricultural College at Brookings, South Dakota. From the year 1915 it has been specially cultivated, as it gave promise of possessing hardiness and other valuable characteristics essential to successful cultivation in this country.

It undoubtedly is thoroughly acclimated to western soils and climatic conditions. In the course of a year or two its comparative value with common Sweet Clover will be more accurately known.

The seed offered herein was produced in Western Canada from the parent seed stock received from the University of Saskatchewan.

See Colored Price Sheets Pages 49 to 56 inclusive.

CLOVER ROOT
SHOWING NODULES



SOIL INOCULATION

Clover, peas and other legumes are excellent "rotation crops" because they add fertility to the soil. Examine the root of a clover plant—you will find on it a number of tiny lumps or nodules. Each of these contains a peculiar bacteria which takes the nitrogen of the air and turns it into nitrate in the soil. And all small grains need nitrate—it increases the crop yield materially.

When you plant clover or peas you can increase the amount of bacteria by inoculating the seed. For this purpose we offer prepared

Inoculating Bacteria

These cultures have proven very satisfactory for the years we have offered it. They are prepared in the laboratory just as we need them—thus insuring their freshness. This is a very important factor in their usefulness.

The cultures are put up in wide-mouthed bottles, each containing sufficient for about 60 lbs. of seed. Can be used on less seed if desired.

In ordering state for what legume you want the culture—Clovers, Alfalfa, Peas or Beans.

One Bottle 75c. 5 bottles \$3.25 Postpaid.

WHITE BLOSSOM
SWEET CLOVER



3331—Hubam—Annual

We submit below what we stated in our catalog of 1922. General tests throughout the length and breadth of the Prairie Provinces have not been sufficient to establish Hubam as a permanent introduction to the Agriculture of this country.

- (1) Hubam cut in its prime makes a very poor, stemmy quality of hay, not comparable with hay from our well known biennial Sweet Clover.
- (2) Experiments thus far in the Canadian West indicate that the tonnage per acre, comparing annual with biennial, is almost the same.
- (3) Actual tests in North Dakota and in Western Canada have shown that better results can be obtained from biennial than from annual. Our seasons are, if anything, too short to enable the annual Sweet Clover to take precedence of the well known biennial variety.
- (4) In seeding the biennial Sweet Clover there is no loss the first year as it can be seeded with grain as a nurse crop and the second season it produces a magnificent crop, thereby giving the soil the advantage of two seasons' fertilization. One of the great values of seeding Clover is the refertilization and restoration of the soil.
- (5) From comparative tests in Western Canada to date, of annual and biennial Sweet Clover, the results do not encourage farmers to be too hasty in investing large sums of money in Hubam Annual Sweet Clover. Our recommendation for the present is "go slow" until sufficient time has elapsed to afford wider opportunity of proving whether Hubam Annual Sweet Clover has any advantages over the biennial variety.

3330— YELLOW BLOSSOM

(*Melilotus officinalis*)

Earlier than White Blossom but not such a heavy cropper as it does not grow as tall. The plant is of spreading habit and is better adapted for pasturage purposes or as a fertilizer.

See colored price sheet pages 49 to 56 inclusive.

FLOWER SEEDS

McKENZIE FLOWER SEED CLASSIFICATION.

Too many growers confine their entire attention to the Vegetable Garden. In Western Canada the growing of Flowers is essential—they brighten inside and out and provide that change so necessary to happiness.

A few Flowers grown well are much more satisfactory than a great many poorly grown and not attended to. Flowers will well repay extra care by more and better bloom.

We show and list on the following 20 pages those kinds and varieties of flower seeds of which we have especially fine stocks. These we can recommend most highly to the home gardener as being adapted to our soil and climate.

YE OLDE-FASHIONED GARDEN

Remember these Old-fashioned Flowers—after all "Old Friends are Best."

Page	Page	Page	Page	Page
Alyssum.....74	Double Daisy.....75	Cockscomb.....76	Hollyhock.....78	Phlox.....81
Snapdragon.....74	Pinks.....77	Mignonette.....79	Morning Glory.....80	Stocks.....83
Balsam.....75	Candytuft.....75	Forget-me-not.....80	Pansy.....81	Sweet William.....83

"Make your Flower Garden your Hobby."

These tables show varieties suitable for special purposes. Annuals grow from seed, bloom and die the first season. They give best results if started in shallow boxes about four weeks before time for outdoor transplanting. Biennials bloom the second season, then die. Perennial bloom the second season and continue to grow and bloom for many years. Upon every packet of McKenzie seed will be found full cultural instructions.

Abbreviations—The initials bear the following significations:

H.A.—Hardy Annuals.
H.H.A.—Half Hardy Annuals.
H.B.—Hardy Biennials.
H.P.—Hardy Perennials.
H.H.P.—Half Hardy Perennials.
H.C.—Hardy Climbers.
H.H.C.—Half Hardy Climbers.
G.P.—Greenhouse Plants.

Backgrounds and Borders (Cont.)

Page	Page
Scabiosa.....87	Stokesia.....87
Schizanthus.....87	Sweet Sultan.....87
Silene.....87	Sweet William.....83
Statice.....87	Vinca.....87
Stocks.....83	

Plants for Hanging Baskets, Vases, Verandah Boxes, etc.

Asparagus Sprengeri.....74	Lobelia Tenuior.....79
Abronia umbellata.....84	Nasturtium Dwarf.....80
Convolvulus.....80	Schizanthus.....87
Geranium.....85	Thunbergia.....87
Heliotrope.....85	

Flowers for Wreaths and Winter Bouquets

Acroclinium.....84	Rhodanthe.....87
Helichrysum.....78	Xeranthemum.....87

Climbing Plants

Balloon Vine.....84	Humulus.....85
Canary Bird Creeper.....75	Momordica.....86
Coboea Scandens.....85	Nasturtium Tall.....80
Convolvulus major.....71	Sweet Peas.....69-70-71
(Morning Glory).....80	Thunbergia.....87
Dolichos.....85	Wild Cucumber.....83

Flowers for Potting

Abutilon.....84	Coleus.....85
Asparagus.....74	Fuchsia.....85
Begonia.....84	Geranium.....85
Calceolaria.....75	Gerbera.....85
Carnation.....76	Primula.....86
Cineraria.....85	

Showy Flowers for Beds and Massing

Aster.....72-73-84	Marigold.....79
Calliopsis.....84	Nasturtium Dwarf.....80
Calendula.....84	Nemesia.....86
Dahlia.....85	Petunia.....82
Dianthus (Pinks).....77	Phlox.....81
Eschscholtzia.....78	Poppy.....82
Gaillardia.....78	Pyrethrum.....87
Godefia.....78	Verbena.....83
Hunnemannia.....85	Virginian Stock.....87
Mignonette.....79	Zinnia.....83

Flowers for Edging

Page	Page
Ageratum.....74	Marigold, Legion of Honor.....79
Alyssum.....74	Nasturtium Dwarf.....80
Arabis Alpina.....74	Pansy.....81
Bellis perennis.....75	Platycodon.....82
Candytuft.....75	Portulaca.....82
Lobelia.....79	

Flowers for Cutting, Suitable for House Decoration

Achillea.....74	Honesty.....85
Anthemis.....84	Larkspur.....77
Aquilegia.....84	Marigold.....79
Arctotis.....84	Mignonette.....79
Asparagus.....74	Nasturtium.....80
Asters.....72-73-84	Nigella.....86
Blue Lace Flower.....79	Ornamental Grasses.....86
Calliopsis.....84	Pansy.....81
Campanula.....75	Pentstemon.....86
Carnation.....76	Platycodon.....86
Centaurea.....85	Poppy.....82
Chrysanthemum.....76	Pyrethrum.....87
Cosmos.....76	Rudbeckia.....87
Dahlia.....85	Scabiosa.....87
Delphinium.....77	Schizanthus.....87
Dianthus.....77	Statice.....87
Dimorphotheca.....77	Stevia.....87
Eschscholtzia.....78	Stocks.....83
Gaillardia.....78	Stokesia.....87
Gypsophila.....85	Sunflower.....78
Helianthus.....78	Sweet Peas.....69-70-71
Hunnemannia.....85	Zinnia.....83

White Flowers for Cemetery

Alyssum.....74	Geranium.....85
Aster.....72-73-84	Pansy.....81
Bellis.....75	Phlox.....81
Campanula.....75	Stocks.....83
Candytuft.....75	Vinca.....87
Chrysanthemum.....76	

*"I know a Garden hidden from the street,
Where bees and butterflies are busy all the day
A human haven and a safe retreat
From every noisy, worldly, weary way."*

Showy Flowers for Backgrounds and Borders

Page	Page
Achillea.....74	Lupinus.....86
Antirrhinum.....74	Linum.....81
Anthemis.....84	Lychnis.....86
Aquilegia.....84	Malope.....86
Arctotis.....84	Marvel of Peru.....86
Campanula.....75	Nicotiana.....86
Canterbury Bell.....75	Nigella.....86
Carnation.....76	Pentstemon.....86
Celosia.....85	Platycodon.....86
Centaurea.....85	Ricinus.....87
Chrysanthemum.....76	Rudbeckia.....87
Coreopsis.....76	Salpiglossis.....87
Delphinium.....77	Hollyhock.....78
Dimorphotheca.....77	Kauffusia.....85
Gaillardia.....78	Kochia.....79
Helianthus.....78	Larkspur.....77
(Sunflower).....78	Lathyrus latifolius.....86

SWEET PEAS

The Sweet Pea is unequalled for ease of production, beauty and variety, fragrance, length of season in fine bloom and ready response to high class culture. Practically every garden in Western Canada has a row of Sweet Peas even if no other flower is grown.

There appears to be no finality to the improvements and new creations of exquisite form and color and each year some outstanding variety is introduced. Our mixed Sweet Peas are of exceptional merit—will produce flowers of the greatest variety which will prove a constant source of delight.

POINTS ABOUT GROWING SWEET PEAS

1. Sow the seeds in double row from four to six inches apart, thus:—

* * * * *

About 14 seeds will suffice per yard double row as shown.

2. Sow the seeds in suitable soil in a sunny situation.

3. Plant not less than two inches deep and draw up to the plants when they are about 3 inches high.

4. Sweet Peas need plenty of room, so don't crowd them when sowing the seed.

5. Remember, the more you cut the more they will bloom. Keep on cutting.

McKenzie's Popular Mixtures

There are many who wish to obtain a continuous and varied supply of bloom who find it somewhat expensive to purchase all the named varieties of their own choice: to these customers McKenzie's Popular Mixtures will appeal. The grandest mixtures ever offered.

3060—Giant Spencers Mixed

Pkt. 10c. oz. 40c. $\frac{1}{4}$ lb. \$1.25 $\frac{1}{2}$ lb. \$2.00.
1 lb. \$3.50. Postpaid

Colorings are artistically charming, ranging from daintiest white, purest and most delicate pinks, to beautiful crimson and darkest maroon. The immense size, exquisite color and grotesque shapes, combined with their exceptional hardiness, make their culture a delight.

3374—Early Spencers Mixed

Pkt. 15c. Oz. 75c. $\frac{1}{4}$ lb. \$2.25. Postpaid.

This new strain of Early Flowering Spencer Sweet Peas is becoming quite popular on account of the early bloom it will produce. Under similar conditions it will give bloom some days ahead of the regular Spencers.

The mixture offered here is a combination of the best colors and will make a display worth while.

2993—Laura Bell Superb Mixed

Pkt. 10c. oz. 25c.; $\frac{1}{4}$ lb. 75c. $\frac{1}{2}$ lb. \$1.35.
1 lb. \$2.10 Postpaid

This strain of improved large flowering Sweet Peas is composed of the highest types of named sorts. A beautiful range of colors mixed to a perfect blend, many of them the newest and best hybrids. Remarkable for their beauty, size, form and sweetness.

2988—Prize Mixed Grandifloras

Pkt. 10c. oz. 30c. $\frac{1}{4}$ lb. 90c. $\frac{1}{2}$ lb. \$1.60.
1 lb. \$2.75 Postpaid

Next to the Spencers we have these wonderful creations. The flowers are immense, beautiful and striking, with a richness of unmatched effect.

The large round open flowers are fine for cutting. Like the Spencer Sweet Peas, the Grandiflora types are being continually improved, more perfectly developed and new tints produced. Delicately sweet scented with a wonderfully deep rich range of color. Of a strong and vigorous growth, they bloom continuously until late fall, withstanding considerable frost.

See Special Dollar Box of Sweet Peas on Page One

Queen of the Garden The Most Popular Flower in the World



GIANT SPENCERS MIXED

2998—Eckford's Hybrids Mixed

Pkt. 10c. oz. 25c. $\frac{1}{4}$ lb. 70c. $\frac{1}{2}$ lb. \$1.20.
1 lb. \$2.00. Postpaid

This mixture of international reputation is composed of the largest flowered Grandiflora type of Sweet Peas. An immensely wide range of magnificent colors in well-balanced proportions.

McKenzie's Selected Grandifloras

Although the Spencer Sweet Peas are more generally grown, there are so many who still prefer the Grandifloras that we list the leading named varieties. Those below produce the best blooms and are the most satisfactory.

Grandifloras are very free flowering and sweet scented. Will last long when cut.

All varieties. Pkts. 10c. oz. 35c. $\frac{1}{4}$ lb. \$1.00. Postpaid.

WHITE

2922—DOROTHY ECKFORD. A pure snow-white, extra size

2953—NORAH UNWIN. A white Gladys Unwin. Keeps in good condition a long time after being cut.

PRIMROSE AND BUFF

2928—MRS. COLLIER. A charming primrose self.

ORANGE AND SALMON

2934—BOLTON'S PINK. Large orange pink standard with wings of pale rose.

2936—MISS WILMOT. A salmon pink delicately shaded rose.

2937—FRANK DOLBY. Lavender-lilac, fine quality, large flower, splendid for decorative purposes.

PINK

2941—GLADYS UNWIN. Light pink; an exquisite shade; standards beautifully waved and crimped.

ROSE

2947—PRINCE OF WALES. A rich deep rose self; quite distinct.

SCARLET, CRIMSON AND CHERRY

2959—KING EDWARD VII. A deep rich carmine scarlet. Very effective.

2944—QUEEN ALEXANDRA. A bright crimson-scarlet self.

DARK BLUE, PURPLE AND MAROON

2970—BRILLIANT BLUE. Rich dark navy blue standard, wing tips gentian blue.

2948—BLACK KNIGHT. Bold, upright dark bronzy chocolate standard. One of the best dark varieties.

LAVENDER

2967—LADY GRISEL HAMILTON. A very popular lavender self, undoubtedly the best in this shade.

PICOTEE EDGE

2977—DAINTY. White ground, edged pink. Very fine.

MOTTLED AND FLAKED

2983—HELEN PIERCE. Mottled and veined, bright blue on a white ground.



DOBBIE'S CREAM

LAVENDER AND BLUE

- 3054—HELEN PIERCE. Is most fascinating. Our strain is the best. It is a bright blue, overlaid and marbled on ivory white.
- 3367—JACK CORNWALL, V.C. The best violet blue self. Pkt. 25c.
- 3005—LORD NELSON. Of rich, deep, navy blue color. An excellent variety destined to become very popular.
- 3351—MARGARET FIFE. The introducer describes this variety as "a bright Aubretia blue." Very similar to Wedgewood Spencer but a clearer blue. One of the most charming Sweet Peas ever raised.
- 3357—NEW MARGARET MADISON. The nearest approach to true lavender that has yet been introduced—a magnificent flower.
- 3370—ORCHID. A very bright and pleasing shade of lavender. Pkt. 20c. Oz. \$1.00.
- 3359—R. F. FELTON. One of the best lavender Spencers. It is a mauve toned lavender, large and fine.
- 3049—WEDGEWOOD. A beautiful Wedgewood blue. One of the most exquisite Sweet Peas ever introduced.

ORANGE, PRIMROSE AND BUFF

- 2995—CIS WRIGHT. In general appearance this striking novelty is blush lilac. It produces a peculiar bronze pink color on cream ground. Will soon become a popular favorite.
- 3043—DOBBIE'S CREAM. A very popular, fine large primrose Sweet Pea. Highly recommended.
- 3014—HELEN LEWIS. A distinct variety with a large, broad, wavy orange standard and rosy-orange wings. One of the best of the Spencers.
- 2989—ILLUMINATOR. A glorious orange salmon. In sunshine or under artificial light, the color is a bright salmon cerise, sparkling with orange. Very fine.
- 3055—JESSIE CUTHBERTSON. One of the most attractive and striking Spencer Sweet Peas. It is a primrose ground, well marked with crimson pink stripes, blotches and flakes. The general effect is one of golden rose.
- 3352—MAY CAMPBELL. A very nice type of primrose color marbled with light carmine pink. One of the most beautiful Sweet Peas of the flaked and striped class. Grows a bold and handsome standard.
- 3369—MRS. G. W. BISHOP. Salmon cerise suffused with orange, beautifully waved. Award of merit, Royal Horticultural Society.
- 3037—ROBERT SYDENHAM. A glowing orange salmon self, an exceptionally strong grower producing four flowers on a stem. The best and largest of this shade of color.
- 3342—SPARKLER. Bright rose standard, with cream wings.
- 3017—STIRLING STENT. Deep salmon self, suffused with orange—a rich colored flower.
- 3007—ORANGEMAN. A very fine large flowered variety of true Spencer form. Rich deep orange color beautifully waved. Pkt. 15c, Oz. \$1.00.

SWEET
PEAS

Spencer Named Varieties

Spencer Sweet Peas are pre-eminently at exhibitions and named Spencer varieties are practically the only Sweet Peas shown. For home decoration one or two colors bunched make the finest display.

All our varieties are of exceptional merit—large flowered and of finest color and form.

By classification of varieties under separate colors, ordering is made easy. Ask for our free pamphlet "Sweet Peas and their Culture".

Except as noted, prices on all varieties:
Packets 15c. Oz. 90c. Postpaid.

CARMINE, ROSE AND SCARLET

- 2994—CRIMSON QUEEN. A very distinct and striking flower. Throws large blooms mostly in fours. Color a rich crimson. Perfect Spencer shape.
- 3350—EDITH TAYLOR. One of the best Spencer types. A soft salmon-rose self. Produces flowers of largest size. Very consistent in shading on both standard and wings. A distinct and beautiful variety which will undoubtedly become a standard for the West.
- 3002—FIERY CROSS. A scorching fire red, without any shading, which scintillates and glitters in the bright sunlight, thus adding a glowing, fire like sheen, which radiates over the flower. Produces beautifully waved and fluted flowers.
- 3035—GEORGE HERBERT. A large carmine rose of excellent shape with deep rose wings.
- 3030—JOHN INGRAM. A bright carmine rose with deep rose wings, beautifully fluted, of large size and excellent form.
- 3031—KING EDWARD. A deep rich carmine scarlet of glossy effect, retaining its color well. Flowers freely and one of the very best.
- 3356—MRS. CUTHBERTSON. Rose pink standard, white wings flushed with rose—a very chaste flower.
- 3353—OLD ROSE. A Rose du Barri Spencer. Grower's original stock; produces dark colored vines, but some have light colored vines. It is an improved form of that well-known variety "Decorative". Awarded a certificate of merit by the National Sweet Pea Society.
- 3033—QUEEN ALEXANDRA. One of the best of the intense bright scarlet selfs. Charmingly waved and fluted.
- 3360—ROSABELLE. Bright rose, waved. Grows flowers of great form and size. One of the best for exhibition.
- 3020—THE PRESIDENT. Brilliant rich dazzling orange scarlet. The best in this color.
- 3362—VERMILION BRILLIANT. One of the best scarlet Spencers. A vigorous grower producing flowers of good form and a good number of four-bloomed sprays.

PINK

- 2992—ELFRIDA PEARSON. The finest of the blush pink section, beautifully waved, free flowering, and a strong grower. A chaste flower of surpassing beauty.
- 2991—HENRIETTA. A large duplexed cream pink, excelling any other of its type. Raiser was many years perfecting this strain. Pkt. 15c. Oz. \$1.00.
- 3038—HERCULES. A choice sort of the later introductions, well deserving the attention it has aroused. Grows flowers of great size and substance—color pale rosy pink.
- 3368—JOAN OF ARC. Delightful almond pink. A flower of great substance.
- 3025—MARGARET ATLEE. Conceded the largest and finest Sweet Pea yet introduced. Rich, rosy, salmon pink on creamy buff.
- 3026—NEW MIRIAM BEAVER. One of the greatest acquisitions to the already long list of colors. It is a bright apricot pink on a primrose ground, deeper at the margins and a pure primrose at the base. Perfect Spencer shape. Four blossoms to the stem.
- 3341—PEACE. Cream pink, a very distinct flower.

SWEET PEAS

Spencer Named Varieties

Except as noted, prices on all varieties are—
Packets 15c. Oz. 90c. Postpaid.

WHITE EDGED PINK

- 3008—**DAINTY**. A charming white flower, edged pink, quite distinct.
3010—**MARTHA WASHINGTON**. The color is pure white, while the edges are picoteed with a deep rose. Gives a most charming effect.
3363—**ROSY RAPTURE**. White margined delicate rose.

PURPLE

- 3050—**ROYAL PURPLE**. The same shade does not exist in the Grandiflora types of Sweet Peas. It is a true Spencer type and the color is a rich royal purple. We advise every lover of the beautiful in Sweet Peas to grow this.

MAROON, MAGENTA AND MAUVE

- 3044—**AFTERGLOW**. A fascinating color difficult to describe; standard is bright violet with a shading of rosy amethyst, wings more of an electric blue.

- 3028—**KING MANOEL**. One of the best of its type, producing very large flowers of a rich deep maroon color—an excellent variety.

- 3048—**NUBIAN**. Maroon or deep chocolate colored self. A magnificent flower of exquisite form, large size and great substance.

- 3354—**WARRIOR**. Introduced by that well known English grower, Mr. J. Stevenson. Will undoubtedly lead in the maroon color, in fact growers report it has already a preferred demand. Similar to "Nubian" and "King Manoel," but better and more up-to-date than either.

- 3343—**THE LADY EVELINE**. Charming shade of rosy mauve.

STRIPED AND FLAKED

- 3056—**AURORA**. Deep salmon flake on white ground
3057—**GAIETY**. Light magenta rose, striped, on ivory-white ground. Beautifully ruffled or crinkled.
3059—**SENATOR**. The color is a varying combination of deep claret and chocolate, striped and flaked on a ground of light heliotrope. Flowers are of gigantic proportions.

PICOTEE EDGE

- 3355—**JEAN IRELAND**. Beautiful cream colored edged with deep pink. This variety possesses marked character which, if maintained under cultivation, will make it the premier picotee cream.

WHITE

- 2996—**CONSTANCE HINTON**. A black seeded white Spencer of enormous size and fine form. Under some conditions the flowers sometimes show considerable pink.

- 3004—**KING WHITE**. This strain exceeds any of the previous whites in size, shape and beauty. Awarded certificate of merit by Royal Horticultural Society, England.

- 3006—**NORVIC**. One of the largest flowers and best strains of White Spencer Sweet Peas yet introduced. Very large blooms, exceptionally well waved. Quite fixed in character.

- 3003—**WHITE**. The best of the pure white waved flowers, of a truly gigantic size, produced in great profusion.



FIERY CROSS

Early Flowering Long Season Spencers

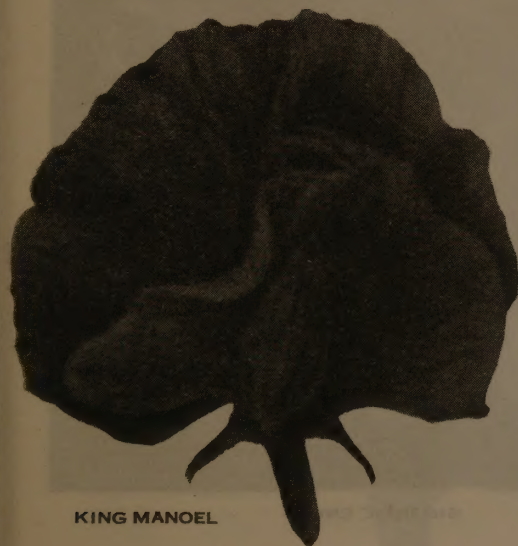
To be able to get the finest bloom a few weeks ahead of any other Sweet Peas ensures for these Early Flowering varieties a big demand in Western Canada. Our seasons are really short so every day of extra bloom will mean a great deal.

Almost any color in the Spencer varieties is now matched in these Early Flowering Sweet Peas. The types also appear to be quite fixed.

For real early bloom a row or two at least of these varieties should be planted.

Except Where Noted, Prices are as Follows:—
Pkts. 15c. Ounce 90c. Postpaid.

- 3374—**EARLY FLOWERING CHOICE MIXED**. A combination of the best colors in this section which will become very popular. Pkt. 15c. Oz. 75c.
3363—**AMETHYST**. Very fine purple, companion to Royal Purple in the late flowering type.
3384—**AVIATOR**. Dazzling crimson scarlet. Sunproof and very free blooming.
3373—**FORDHOOK ROSE**. A good bright carmine, very floriferous.
3376—**LIBERTY**. Bright crimson waved, very similar to King Edward Spencer.
3375—**MEADOW LARK**. Large early cream. A handsome and promising type.
3385—**MELODY**. Fine rose pink. Pkt. 15c. Oz. \$1.00.
3377—**MIST**. A fine type throwing nice flowers of white, flushed with mauve. Vigorous grower.
3372—**MRS. A. A. SKACH**. Beautiful light pink of splendid Spencer form. One of the best earlies.
3386—**OTHELLO**. A fine deep maroon.
3378—**PEACE**. One of the nicest rose pink shades on cream background. Aptly named.
3379—**RED WING**. A strong growing and fine looking variety. Color crimson magenta.
3380—**SONGSTER**. A giant among the early flowering section, of fine lavender color.
3381—**SUNSET**. Pastel mauve pink.
3387—**SNOWFLAKE**. Pure white.
3382—**WARBLER**. A rich mauve-purple, almost a distinct color—very pleasing shade.
3388—**WEDGEWOOD**. Bright blue, a beautiful flower. Pkt. 15c. Oz. \$1.00.
3011—**YARRAWA**. Originated in Australia. Flowers exquisitely waved, produced in fours on extra long stems. Color bright rose pink with a clear creamy base.



KING MANOEL



GIANT COMET

Giant Comet

All the high qualities combined in one.

Asters, particularly Comet, are becoming more generally grown than ever. To their ease of culture and profusion of bloom unquestionably are due their increasing use. Nor is the "ease of cultivation" or the "profusion of bloom" its most meritorious quality; far from it. It is the exquisite beauty of the flower itself, rivalling as it does even the gorgeous Chrysanthemum in size, appearance and beauty. The petals are beautifully curved and recurved, averaging 4 inches across.

All packets 10c. each.

- | | |
|-----------------|-------------------|
| 1743—PURE WHITE | 1748—LIGHT BLUE |
| 1744—ROSE | 1746—CHOICE MIXED |
| 1747—CRIMSON | |

Gigantic Crego

Queen of the Asters

You will note we call this "Gigantic" also "Queen of the Asters." "Gigantic Crego" certainly is "super-excellence" in the Comet Aster class, frequently six inches across, the petals in many cases being double the length of the ordinary types, daintily twisted and curled in beautiful fluffy effects. For a few cents investment you will reap long months of joyous reward and continual pleasant surprises which present themselves when growing Crego. The plant, like the flower, resembles the Comet, about 24 inches high and extremely prolific, blooming in the greatest profusion.

10c. per packet.

- | | |
|-----------------|-----------------|
| 1797—SNOW WHITE | 1798—SHELL PINK |
|-----------------|-----------------|

American Beauty

1809—PURPLE. Raised and selected from the Carmine-Rose American Beauty, introduced in 1918. A valuable addition to this class. Per pkt. 15c.

1810—CARMINE ROSE. Grows large, full flowers with incurved petals on stout stems from 15 to 20 inches in length. Gives a longer flowering season than any other Aster. Per pkt. 15c.

For other varieties see page 84.

ASTERS (H.H.A.)

Ostrich Feather Rivals the Superb Chrysanthemum

The name of this type is suggestive of exceptional beauty. Its round shape reminds one of graceful waving ostrich plume. This is a newer introduction than the Comet, considerably earlier, producing a greater profusion of bloom and a flower that rivals in size the well-known Japanese Chrysanthemum. Excepting the size, it is identical with the Comet in appearance; long, wavy, twisted petals, gracefully but loosely formed and often mistaken for a big Chrysanthemum. The plants, similar to Comet, are of luxuriant growth, about 24 inches high, each bearing from 30 to 60 blooms. Florists are finding this very profitable, which we consider a testimonial of great value. When commercial growers take up with an extremely prolific, hardy annual of vigorous growth, flowers that flourish from the start in the open, it is time then that the growing of them for home use becomes general.

All packets 10c. each.

- | | |
|-----------------|-------------------|
| 1787—PURE WHITE | 1790—SALMON |
| 1788—CRIMSON | 1791—AZURE |
| 1789—DARK BLUE | 1792—CHOICE MIXED |

American Branching

This is the great favorite with the ladies as its long stems peculiarly adapt it to the home and table decoration and late blooming. The flowers are large size, usually about 4 inches across, of beautiful soft shades, highly ornamental and attractive. The petals overlap in a convex manner, very similar to the Victoria and Queen of the Market. It is a strong, robust grower, usually 18 to 24 inches high, of profuse blooming habit; like the Comet, it becomes literally covered with bloom.

All packets 10c. each.

- | | |
|-------------------|--------------------|
| 1778—PURE WHITE | 1782—LAVENDER BLUE |
| 1779—SHELL PINK | 1780—MIXED COLORS |
| 1781—DEEP CRIMSON | |

The beautiful colors of these hardy yet graceful flowers make them extremely popular. When ordering, be sure to specify the colors desired according to numbers listed.



GIGANTIC CREGO

ASTERS

Victoria

It is specially prized for bedding and large borders. Of pyramidal form, growing 18 to 20-inches high. It is a most noticeable fact that practically every garden, where Asters are grown, has this type whether others are grown or not. It has so many points of excellence that exhibitors the world over give it a stated preference. A very free bloomer, exceptionally hardy and adapts itself readily to general culture throughout the Canadian West. All packets 10c. each.

1765—PURE WHITE
1766—LIGHT BLUE
1767—CRIMSON
1768—FIERY SCARLET
1769—APPLE BLOSSOM

1771—DARK BLUE
1772—ROSE
1773—PURPLISH VIOLET
1774—CHOICE MIXED

Sinensis Single

The fine range of color now available in this strain of Single Asters, makes it one of the most desirable to grow. As a bedding Aster it is unusually attractive. For indoor decorative purposes it is unsurpassed, its long slender stem adapting it admirably for this purpose.

Another feature worthy of consideration is its practical immunity from disease. This was very noticeable during the past few seasons in the vicinity of Brandon, Asters of this type being grown splendidly where other varieties were a complete failure. 1845—Finest Mixed, Pkt. 10c.

Pæony Perfection

It produces a large magnificent flower, about 4-inches across, of the most perfect Pæony shape, ranging from pure white to glowing crimson. The plants are of pyramidal branching formation, about 18-inches high. Highly prized for bouquet or for decorative purposes, producing bloom in great profusion. The pleasure in growing Asters is the diversity of types so radically distinct. This is particularly true of the Pæony Perfection with its gracefully incurved petals, meeting at the centre.

All packets 10c. each.

1754—PURE WHITE
1755—CRIMSON
1757—BRILLIANT ROSE

1759—BRILLIANT SCARLET
1760—DARK BLUE
1761—CHOICE MIXED



VICTORIA

1855—Miss Roosevelt

Of the Victoria type, the formation is perfect, the closely arranged petals giving it a handsome double appearance. Very hardy. Plants of 18-inch growth, suitable for borders and cutting. Color is a most charming primrose, passing to flesh. Pkt. 10c.

EASILY GROWN SHOWY ANNUALS

Try	Page	Page	Page
Some	Snapdragon 74	Scabiosa 87	Petunia 82
this	Aster 72	Stocks 83	Verbena 83
Year	Pinks 77	Salpiglossis 87	Zinnia 83
	Poppy 82	Marigold 79	Nasturtium 80
	Pansy 81	Phlox 81	Portulaca 82



ANTIRRHINUM

Antirrhinum or Snapdragon (H.A.)

A Most Fascinating Flower

In mixed borders or beds the long spikes, with their clusters of rich, dazzling flowers of intense and varied colors, form a most pleasing yet striking contrast when blended with other attractive plants.

The flowers have remarkable endurance, withstanding severe adverse weather, regaling in beautiful bloom throughout the entire Summer.

Antirrhinum should be started indoors early, which insures a profusion of bloom the first season. Where indoor sowings are not preferred, we suggest sowing during the Summer for the following season. (See illustration).

TALL GIANT All packets 10c. each.

1681—BRILLIANT. Golden yellow and white.

1682—FIRE KING. Scarlet with orange.

1683—QUEEN VICTORIA. Snowy white.

1684—STRIATUM. Striped.

1686—FINEST MIXED.

DWARF All packets 10c. each.

1691—BLACK PRINCE. Almost black with dark leaves.

1693—GOLDEN QUEEN. Rich pure yellow.

1694—QUEEN OF THE NORTH. Pure White.

1695—FINEST MIXED.

Arabis H.P.)

One of the best rock and border plants. Blooms very early in the Spring. Pure white flowers. Especially adapted for edgings and covering banks. Very attractive and will enhance the appearance of any garden.

1708—ALPINA Pkt. 10c.

1723—Asparagus Plumosus Nanus (G.P.)

The Leading Decorative Plant. Pkt. 25c.

We believe this is the most popular house plant in Western Canada. Almost every plant lover has an Asparagus Plumosus Fern on the dinner table or in some other room. It surpasses the Midnight Fern for grace, delicacy of texture, richness of color. The early growth is very slow, but as soon as it is transplanted and well rooted in good soil, the growth is more rapid

FERNS add a graceful touch to the decoration of any room. Care should be taken to see that the air is kept as moist as possible for ferns to thrive.

1611—Achillea (H.P.) PTARMICA FL. PL.

Beautiful white perennial of easy culture, grows about two feet high and from spring until frost is literally covered with bloom of the purest double white flowers. Fine for cut flowers. Pkt. 10c.

1635—Ageratum LITTLE BLUE STAR (H.H.A.)

One of the best bedding and border plants, blooming from early Summer until frost. Little Blue Star has almost superseded the older types of Ageratum. It is more compact and of dwarfer habit.

The name Ageratum, meaning "very young," refers to its ever blooming habit; it will remain fresh and perfect for a month outdoors, and considerably longer within. It is a popular favorite. Is excellent for borders and edgings as the plants are bushy, neat and erect; about 4 to 5 inches high. The flower is a bright blue. Pkt. 15c.

Alyssum Never Wanes in Popularity

Very similar in appearance to Candytuft and equally as popular for borders. It is prized for baskets, pots, terrace, rock work, cutting and buttonholes.

A rapid grower and produces an abundance of bloom. Is exceptionally hardy, in most cases lasting for several weeks after severe frost.

ALYSSUM is one of the few flowers of exceptional fragrance. It is of very dwarf branching habit, the flowers so close that it resembles a sheet of white from a distance.

1646—SWEET MARITIMUM (H.A.). White. Oz. 25c. Pkt. 10c.

1647—SWEET LITTLE GEM. (H.A.) White Oz. 30c. Pkt. 10c.

1648—GOLDEN SAXATILE (H.P.) Brilliant Yellow. Pkt. 10c.



SWEET ALYSSUM LITTLE GEM

Artemesia (SACCORUM VIRIDIS) (H.A.)

Ornamental foliage plant from China. Like Kochia (Summer Cypress) it makes a beautiful garden and pot plant. It forms pyramidal bushes about 3 feet high. The color is a deep rich green. Withstands both drought and wet.

1720—Pkt. 10c.

1728

Asparagus Sprengeri (G.P.)

Pkt. 25c.

This well known Emerald Feather Fern so generally used in hanging baskets for Winter interior use and home decorations, follows closely in the wake of Asparagus Plumosus as a popular favourite. For outdoors in Summer it has no superior. One of the most popular basket and decorative plants.



ASPARAGUS PLUMOSUS NANUS



BALSAM

Bellis Perennis

Double English Daisy (H.P.)

A delightful plant for edgings. Blooms in the early Summer and continues well on in the Fall. If sown early will bloom the same year as sown. Very dwarf, usually not more than four inches high.

1906—MAMMOTH DOUBLE WHITE.....	Pkt.	10c.
1907—LONGFELLOW DOUBLE ROSE.....	Pkt.	10c.
1908—MIXED DOUBLE.....	Pkt.	10c.
1909—MIXED DOUBLE QUILLED.....	Pkt.	25c.

Begonia (H.H.P.)

Tuberous Rooted. Choice Mixed.

Will bloom the first year if started early. Are easily grown from seed and make a very attractive plant adapted either for house plants or for setting out.

1897—SINGLE CHOICE MIXED.....	Pkt.	15c.
1898—DOUBLE CHOICE MIXED.....	Pkt.	25c.

For other varieties of Begonias see page 84

Canary Bird Creeper (H.C.)

A Wonderful Climber.

A rapid growing annual climber. Will cover quickly trellis, veranda or fence. Bears a great number of bright yellow flowers which last till frost. Foliage is thick and a fresh light green color. Sow seed in early spring.

1959—CANARIENSIS..	Pkt.	10c.
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Campanula Persicifolia (PEACH BELLS)

An attractive flower for background.

Campanulas can be grown with ease in any ordinary garden. The delicate and broadly shaped flowers appear in clusters of three at the axils of the upper leaves and grow to an immense size. They are ornamental, graceful and very suitable for table decoration. See also page, 85.

1952—PERSICIFOLIA. Blue, large bells.....	Pkt.	10c.
1953—PERSICIFOLIA ALBA BACKHOUSIANA. The largest and purest flower.....	Pkt.	10c.
1954—PERSICIFOLIA GRANDIFLORA fl. pl. ALBA MOERHEIMI. Very fine pure white saucer-shaped flowers.....	Pkt.	10c.

Balsam (H.H.A.)

Resembles a Plant with Roses Wrapped Round and Round

Aside from the exquisitely formed flowers, some of the most gorgeous hue, the stems or branches, instead of bearing in the usual manner, are clustered closely from butt to tip, with only the tips of the leaves protruding, thus giving the entire plant the appearance of one immense bloom, 18 to 24 inches high.

Balsam is a robust grower and should be given abundance of room. It makes an excellent border plant, and if started indoors will give a very early display.

All packets. 10c. each.

1875—BRILLIANT SCARLET	1879—PRIMROSE
1876—SNOWBALL. Pure white	1881—McKENZIE'S CHOICE MIXED
1877—VIOLET SPOTTED	

Calceolaria

SLIPPER FLOWER (G.A.)

Our strain of this plant is unrivalled. The flower heads are large and well developed, of exquisite shades. Mostly self spotted and striped. Plants are well shaped and flower profusely throughout Spring and Summer. Height, 12 to 18 inches.

1929—McKENZIE'S SUPERB MIXTURE.....	Pkt.	50c.
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Canterbury Bell (H.P.)

CAMPANULA

The Canterbury Bell of the Calycanthema type differs noticeably from the usual Bell Flower or Persicifolia strains by reason of its immense calyx, giving the flower the appearance of a "cup and saucer," and is generally known by this name.

1979—CALYCANTHEMA. Blue.....	Pkt.	10c.
1980—CALYCANTHEMA. Rose.....	Pkt.	10c.
1981—CALYCANTHEMA. White.....	Pkt.	10c.

Candytuft (H.A.)

For a profusion of bloom lasting throughout the Summer, there is nothing in the flower garden to excel these dwarf flower-annuals for edging and massing in borders. The plants being of miniature growth adapt themselves to pot culture. They are quite hardy and easy to cultivate and can be sown out of doors, seedlings being thinned out, but not transplanted. The flowers are borne in umbels on spiral spikes of extra depth; the individual flowers being much larger than the older strains. Colors embrace practically all shades of white, purple and red. The strains we offer are unsurpassed.

All packets 10c. each.

1966—UMBELLATA QUEEN OF ITALY. Pale lilac.	1969—UMBELLATA DWARF HYBRIDS. White shaded rose.
1967—UMBELLATA ALBIDA. Creamy white.	1964—DUNNETT'S IMPROVED. Deep rich crimson.
1968—UMBELLATA. McKenzie's finest mixed.	1965—EMPRESS—Large, pure white.
	1970—CHOICE MIXED.





CHRYSANthemUM INODORUM PLENISSIMUM

Cosmos (H. A.)

Among the garden annuals that have come into prominence in recent years, the Cosmos has a brilliant future. Cosmos has been vastly improved during the last few years. At first, the flowers were only an inch or two across; now the varieties average 3 inches and sometimes reach 4 and 5 inches.

NEW DOUBLE

These fine new varieties produce full round double flowers, but up to the present have been very shy seeders, which increases the cost of production of seed stock. They possess distinctive characteristics over the ordinary varieties.

2071—SNOWBALL. Pure white.....	Pkt. 15c.
2072—EUREKA. Pink.....	Pkt. 15c.
2076—EUREKA. Crimson.....	Pkt. 15c.

NEW DOUBLE CRESTED

A new class entirely having double centres and a row of petals, around the base of the flower which make them very effective.

All packets 15c. each.

2077—PINK BEAUTY. Soft pink.....	2079—WHITE QUEEN. Pure white.
2078—CRIMSON KING. Dark crimson.....	2082—THE BRIDE. Very delicate pink.
	2083—WHITE LADY. Pure white

MAMMOTH FLOWERING

2065—Extra Early Mammoth Flowering, White.....	Pkt. 15c.
2066—Extra Early Mammoth Flowering, Pink.....	Pkt. 15c.
2067—Extra Early Mammoth Flowering, Crimson.....	Pkt. 15c.
2068—Extra Early Mammoth Flowering, Mixed.....	Pkt. 15c.



DOUBLE CRESTED COSMOS

White Cosmos, Lady Lenox

Giant Orchid Flowering—Every Enthusiastic Gardener Should Grow This.

A most fascinating introduction which produces flowers four to five inches in diameter—quite three times larger than the ordinary Cosmos. It is the first white variety of the famous Lady Lenox Cosmos type. Has succeeded and been admired everywhere. Produces petals oval in shape and of splendid substance. Keeps well when cut.

2073. Pkt. 10c.

2024—Chrysanthemum

INODORUM PLENISSIMUM (H.A.)

One of the finest hardy annuals for cutting and very showy in the border. The flowers, which are perfectly double, are of a pure snow white colour; grows about 18 inches high and flowers from July to September.....Pkt. 10c.

2025—Chrysanthemum Maximum

SHASTA DAISY (H.P.)

Very suitable for a herbaceous border. Looks well if planted with a hedge as a background. The flowers are large, pure white with yellow disc.

Very useful as cut flowers, last a long time in water..Pkt. 10c.

Carnation

The Yield of Large Double Flowers is Wonderful.

The Carnation has always been a flower of great prominence, but it is only in the last few years that its growth has become general throughout the Canadian West.

If sown early indoors and then transplanted to the open in June, the Carnation will blossom as readily as any other flower.

By transferring to pots before frost it makes a nice house plant.

The Marguerite strains are especially recommended for vigor and adaptability to outdoor culture; while the Perpetual are also given outdoor prominence, they are more generally grown where a Winter blooming house plant is desired.

1991—DWARF MARGUERITE Double white.....	Pkt. 10c.
1992—DWARF MARGUERITE. Double yellow.....	10c.
1993—DWARF MARGUERITE. Double crimson.....	10c.
1994—DWARF MARGUERITE Double choice mixed.....	10c.
1995—PERPETUAL, Chabauds. Giant flowered, mixed.....	10c.
1996—PERPETUAL, Riveria Market Giant, mixed.....	15c.
1997—BORDER, choice mixed.....	10c.

Coreopsis (H.P.)

A Wonderful Bloomer

This showy flower not only receives a place in almost every garden, but generally a very conspicuous one. It is a very dazzling plant, strikingly effective in display with other plants and equally as attractive for cutting and bouquets. The flowers are very free blooming, retaining freshness long after cutting.

2069—GRANDIFLORA, large bright golden yellow.....	Pkt. 10c.
2070—LANCEOLATA. Yellow serrated petals.....	Pkt. 10c.

Celosia (H.A.)

Very Showy for the Summer Garden

A distinct form of the plumed Celosia. The very oddity of its formation makes it unique, and its many gorgeous colors highly attractive. The dwarf Cockscomb with their immense rich, ruffled combs, which are of velvet chenille-like appearance, measuring frequently 12 inches across, have an exceptionally striking ornamental effect in borders.

All packets 10c. each

2002—PLUMOSA. Crimson.	
2003—PLUMOSA AUREA. Golden yellow.	
2004—PLUMOSA THOMPSONI-MAGNIFICA. Mixed colors.	



CELOSLIA

2005—CRISTATA EMPRESS (Cockscomb) Crimson	
2006—CRISTATA DWARF (Cockscomb). Finest mixed.	

Delphinium or Perennial Larkspur

The Delphinium is one of the most beautiful of all flowers and provides a color—blue—of which we have little among flowers. The stately plants with their long spikes of handsome flowers produced in racemes are much admired in mixed borders. The foliage is shapely and classical in outline and the spikes of bloom are freely borne. Delphiniums add a color to the garden which would otherwise be wanting and for producing a striking display over a long season they are probably unique. No garden is complete without a group or two of these graceful perennials. The culture is exceedingly simple and the results out of all proportion to the slight amount of care necessary; 2-6 ft. July-September.

- 2107—**BLUE BUTTERFLY.** A very dwarf attractive Chinese variety growing about 20 inches high. The plants are densely covered with a mass of azure blue flowers, which stay in flower a very long time. Pkt. 10c.
- 2112—**BELLADONNA.** Handsome sky blue flowers, a lovely shade. Pkt. 10c.
- 2113—**GRANDIFLORUM fl. pl.** Large flowers borne in racemes. Choice, double mixed. Pkt. 10c.
- 2114—**CASHMERIANUM.** Distinct pale blue produced in corymbs, with light green leaves. Pkt. 10c.
- 2116—**McKENZIE'S SPECIAL MIXTURE.** A very choice strain. Pkt. 10c.
- 2117—**NUDICAULE.** Spikes bright scarlet, borne on a loose raceme. Pkt. 15c.

Dimorphotheca(H.A.) or Orange African Daisy

Great improvement over the old
African Types

Easily cultivated and able to withstand all kinds of weather, it is adapted to the climate of Western Canada and is rapidly gaining popularity. A rare and exceedingly showy, annual Daisy from South Africa. Its intrinsic value as a bedding or decorative plant is freely acknowledged. The plants are of semi-dwarf habit and rarely exceed the height of 15 inches; the growth is vigorous and fairly compact, bearing clusters of immense flowers measuring frequently 2½ to 3 inches across. Exceptionally profuse blooming, the plants continue to produce an array of pretty showy flowers until late in the Fall. Seed may be sown in the open as soon as the ground can be prepared in the Spring.



DELPHI-
NIUM

Beautiful color effects can be secured with this African Daisy by using both the True Stock and the Hybrids in groups and borders. A hardy, prolific flower.



DIMORPHOTHECA
AURANTIACA



DIANTHUS (PINKS)

Dianthus (Pinks)

Succeed in any Soil

One of the most magnificent flowers in cultivation. Although biennial, Pinks should be treated as annuals, and if sown in the open ground as soon as all danger of frost is past, they will furnish an endless delight to lovers of flowers throughout the Summer by their attractive and profuse display of bloom. Transplanting when sown in the open is not recommended as the flowering season will be delayed.

- 2122—**CHINENSIS (Fl. Pl.)** Mixed (H.B.) (Indian Pink). Double flowers in all shades. 10c.
- 2123—**HEDDEWIGI (H.B.)**. Single mixed (Japan Pink). All colors. 10c.
- 2124—**HEDDEWIGI CRIMSON BELLE (H.B.)**. Single, brilliant crimson. 10c.
- 2125—**HEDDEWIGI EASTERN QUEEN (H.B.)**. Single, striped rose. 10c.
- 2126—**HEDDEWIGI FIREBALL (H.B.)**. Double, brilliant scarlet, extra strain. 15c.
- 2127—**HEDDEWIGI (H.B.)**. Double, choicest mixed. 10c.
- 2128—**LACINIATUS (H.B.)**. Single mixed. 10c.
- 2129—**LACINIATUS SALMON QUEEN (H.B.)**. Single, very charming colors. 10c.
- 2131—**LACINIATUS VESUVIUS (H.B.)**. A dazzling single orange scarlet, very fine. 10c.
- 2132—**LACINIATUS (H.B.)**. Double choice mixed. 10c.
- 2133—**DIADEMATUS (Double Diadem Pink) (H.B.)**. Double choice mixed. 10c.
- 2134—**IMPERIALIS (Double Imperial Pink) (H.B.)**. Choicest mixed. 10c.
- 2137—**PERENNIAL PINKS (H.P.)**. Extra choice mixed, very hardy. 10c.

Dimorphotheca Aurantiaca (H.A.)

2147—**AURANTIACA (True Stock)**

The golden yellow flowers are conspicuous by the dark colored disc surrounded by a black zone, the Marguerite-like blossoms measuring frequently 2½ to 3 inch in diameter. A very attractive flower, producing an abundance of bloom. Pkt. 10c.

2157—**AURANTIACA Hybrida**

McKenzie's Choice Mixed. Quite the counterpart of the type in growth, foliage, height and size of bloom, but of multifarious coloring. Among the shades represented are pure white to bluish and reddish white, sulphur and lemon yellow to bright gold, delicate rose to deep salmon, orange, etc., while some flowers show zones of contrasting hues. Pkt. 10c.



Godetia (H.A.)

Merits its popularity. Very free flowering, fine for bedding, imparting a gay appearance to the border. 1 ft. July-September.

2272—DUCHESS OF ALBANY. Satiny white.....	Pkt.	10c.
2273—DUCHESS OF FIFE. White, spotted carmine.....	Pkt.	10c.
2274—GLORIOSA (Lord Roberts). Dark glowing red. The darkest of all.....	Pkt.	10c.
2275—LADY ALBEMARLE. Dark crimson.....	Pkt.	10c.
2276—LADY SATIN ROSE. Bright carmine, extra rich color.....	Pkt.	10c.
2277—FINEST MIXED.....	Pkt.	10c.

Gaillardia or Blanket Flower (H.A.)

Unsurpassed in brilliancy.

This popular flower hardly needs much introduction as it is already so well known and appreciated among garden-lovers. Gaillardias are particularly conspicuous for profusion and duration of flowers. A constant succession is produced all Summer until late in the Fall. They produce a gorgeous effect in beds or borders. They are highly recommended for cut flowers as they last so long in water and can be gathered with ample self-supporting stems. Great improvements in this popular plant have taken place during recent years and the strains we offer below are absolutely the best obtainable. Flowers freely, dazzling colors. 2-3 ft. July-September.

2223—PICTA AURORA BOREALIS. Gold, crimson and white.....	10c.
2224—PICTA SINGLE MIXED.....	10c.
2225—PICTA LORENZIANA, double mixed.....	10c.



Helichrysum

EVERLASTINGS

(H.H.A.)

Very useful for Winter decoration or for the making of everlasting wreaths or bouquets. A nice range of delicate pleasing colors. For drying, they should be cut when not fully opened and dried in a gentle heat. Height, 18 inches. In flower, July-September.

2312—MONSTROSUM.	
Double Mixed	
Pkt. 10c	

California Poppy (H.A.)

ESCHSCHOLTZIA

Unexcelled for Gorgeous and Dazzling Display

Few plants are of more delicate appearance and attractive to the eye than this poppy-shaped flower, yet it is one of the hardiest and most easily grown. It is very showy and blooms early after its appearance above ground. It stands considerable cold and remains blooming after the first frost. Very attractive as an edging because of its intersected and bluish foliage. The plants grow bushy and 12 to 24 inches high. Do not plant too thick.

	Pkt.	Oz.
2188—BURBANK'S CRIMSON. A very handsome variety.....	10	50
2189—CARMINE KING. An intense carmine rose.....	10	50
2190—GOLDEN WEST. Orange yellow, large.....	10	35
2191—MANDARIN. Orange shaded crimson.....	10	50
2192—ROSE CARDINAL. Carmine rose.....	10	50
2182—CALIFORNIA. Bright yellow.....	10	35
2183—CALIFORNICA. Alba, white.....	10	35
2193—VESUVIUS.....	10	35
2194—HYBRIDA GRANDIFLORA MIXED.....	10	50
2197—SINGLE MIXED.....	10	35
2212—DOUBLE MIXED.....	10	35

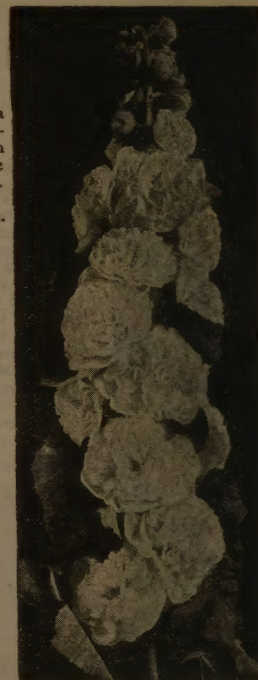
Helianthus

SUNFLOWER (H.A.)

Very Effective in Borders

Of the easiest culture and adapted to a variety of soils. They are seen to best advantage when planted in masses rather than as solitary specimens. These attractive flowers are a valuable addition to any garden. 2-8 feet. July-September.

	Pkt.
2299—ARGYROPHYLLUS (Texas Silver Queen). Single yellow flowers, with black centre. 6 ft.....	10c.
2304—CALIFORNICUS fl pl. Fine double, showing no centre, flowers 6 inches in diameter. 4 ft.....	10c.
2307—GLOBOSUS FISTULOSUS fl pl. Large double flowers, bright saffron color. 4 ft.....	10c.
2308—STELLA. Single golden yellow flowers with black disc. 4 ft.....	10c.
2309—GOLDEN FLEECE. Cactus-shaped flowers, golden yellow with dark centre.....	10c.
2310—RED. A new and very attractive variety, flowers are very numerous.....	10c.



Hollyhock

McKenzie's Giant Flowering Annual

Blooms First Year from Seed

DOUBLE HOLLYHOCK

Immense Hollyhocks the first year from seed! Think of it! The old types of this beautiful rose-like flower can seldom be flowered from seed before the second year. This new strain, identical in appearance with the older varieties is the result of years of selection for an Annual Hollyhock. The range and combination of colors are wonderful and most beautiful.

The flowers are densely double, delightfully fringed and flounced. Very large size, often measuring 5 inches across. Plants grow 6 to 8 feet high and literally covered with clusters of buds and flowers. Veritable columns of bloom. Started in the house from February to April and transplanted, they bloom in the early Summer.

2327—Giant Flowering Annual Mixed.....	Pkt. 15c
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Perennial Varieties

2328—CHATER'S. Double white.....	Pkt. 10c.
2329—CHATER'S. Double canary yellow.....	Pkt. 10c.
2330—CHATER'S. Double scarlet.....	Pkt. 10c.
2331—CHATER'S. Double peach blossom.....	Pkt. 10c.
2332—CHATER'S. Double crimson.....	Pkt. 10c.
2333—CHATER'S. Double apple blossom.....	Pkt. 10c.
2334—CHATER'S. Double salmon.....	Pkt. 10c.
2335—CHATER'S. Double dark rose.....	Pkt. 10c.
2336—CHATER'S. Double choice mixed.....	Pkt. 10c.
2337—DOUBLE ALLEGHANY PRIZE. Mixed.....	Pkt. 10c.

Queen Anne's Blue Lace Flower (H.A.)2385—Sealed packet **25c.**

This delicate appearing, light blue flower is one of the real old-fashioned varieties so much in favor years ago. It is easily grown, makes a beautiful plant in the garden and is unsurpassed for cutting.

The plant grows about two feet in height and is very bushy. Each branch bears a clear, pale blue, umbrella-shaped flower on a very slender stem. This flower is very delicate and attractive—an ideal flower in every way for cutting.

Keep the flowers well picked—the plant will keep on blooming. Buds unfold in water and will last a week or ten days.

We are sure many of our customers will try this flower and we know they will not be disappointed in any way.

Mignonette (H.A.)

The Old Time Favorite Flower.



This universally esteemed fragrant flower still retains its popular place in the garden. Invaluable for cutting, and when massed in flower borders it is also well adapted for pot culture for winter blooming. Successional sowings are recommended when a constant supply of bloom is required. For winter flowering sow seed in pots during July and August and thin out.

2491—BISMARCK. Huge trusses of reddish colored flowers....Pkt. **10c.**

2492—GOLDEN QUEEN Large golden yellow spikes.....Pkt. **10c**

2493—MACHET. Fine bold spikes of reddish flowers. A general favorite. Oz. **90c** ½ oz. **50c**Pkt. **10c.**

2494—VICTORIA. Forms attractive trusses of bright red flowers.....Pkt. **10c.**

2495—WHITE PEARL. The best of all the whitish flowers...Pkt. **10c.**

2490—GRANDIFLORAOz. **50c** Pkt. **10c.**

Marigold (H.A.)

The Favorite of our Grandmothers

These old-garden favorites are eminently suited for massing in gardens. The variety listed as "Legion of Honor" is the dwarfest of the type and is a charming plant to use for edgings, as it blooms continuously and grows only 6 to 8 inches high. The African flowers with their large and perfectly

double blooms are symmetrical in shape. The French types have been selected from plants showing even and well defined striped double flowers in shades of brilliant gold, orange and brown. They provide a wealth of bloom of striking appearance.

The seed we offer has been saved exclusively from exhibition blooms.

2456—AFRICAN GOLD NUGGET. Golden yellow.....Pkt. **10c.**

2457—AFRICAN LEMON BALL. Soft lemon yellow.....Pkt. **10c.**

2458—AFRICAN EL DORADO. Large quilled, of perfect double form, in shades of yellow.....Pkt. **10c.**

2459—AFRICAN FINEST MIXED.....Pkt. **10c.**

2460—FRENCH, COMPACT GOLD STRIPED, beautiful markings, stripes well defined.....Pkt. **10c.**

2462—FRENCH DWARF, FINEST MIXED.....Pkt. **10c.**

2463—FRENCH, LEGION OF HONOR, single flowers, attractively marked on a golden yellow background.....Pkt. **10c**



QUEEN ANNE'S BLUE LACE FLOWER

Lobelia (H.H.A.) One of the best dwarf plants for edging or borders—the blue flowers against green are particularly noticeable and attractive.

2431—TENUIOR

A highly decorative plant for window boxes, hanging baskets, verandahs, etc.

This delightful flower is a native of Western Australia and is much prized for its rich decorative qualities. It makes an ideal plant for hanging baskets, supplying a succession of large, deep, rich blue flowers with a conspicuous white eye; a very pleasing contrast. The foliage is graceful and light, which enhances its charm considerably. Pkt. **10c.**

2427—CRYSTAL PALACE—Compacta

While distinctive from Lobelia Tenuior, it makes an ideal flower for borders, hanging baskets and window boxes. The blossoms, deep rich blue in color, have a conspicuous white eye, giving a strikingly attractive contrast. The plant is exceedingly graceful. See also page 86. Pkt. **10c.**

Kochia (H.A.) Summer Cypress (Mexican Fire Bush.) All the Rage Everywhere

Grows to a perfect symmetry and uniform shape and makes one of the most beautiful borders imaginable. Can be trimmed in different shapes to make a neat and attractive hedge. Is quite suitable for front lawn or to separate flower and vegetable garden. The lovely green color has a wonderfully enhancing appearance along the walk, against buildings, backgrounds, foregrounds, in fact, it seems to be in just the right spot wherever placed. Very easily grown, sown thinly in spring, shoots up quickly. With the approach of Fall the whole plant becomes a deep red.

2381—TRICOPHYLLAPkt. **10c.**



KOCHIA



Morning Glory (H.A)

An old favorite remarkable for its quick growth and profusion of flowers. It is among the most popular climbers for covering verandah, fence or trellis. Takes little room and adds wonderfully to the beauty of any home by its attractive foliage alone.

Seed should be soaked for a few hours before planting.

2362—IMPERIALIS (Japanese). The flowers are borne by hundreds and are of enormous size, of the most delicate, vivid and blending colors to be seen in any flower. The leaves alone are almost beautiful enough with their richly marbled and variegated white and green.

Finest Mixed

Pkt. 10c. oz. 30c.

2368—ROCHESTER SKY BLUE. The acme of perfection in color of all the numerous varieties of climbing Morning Glories. The vines make very rapid growth and form an excellent cover for bare or unsightly spots and for trellises and verandahs they are unexcelledPkt. 10c.

2367—NOCTIFLORA (Moon Flower)
alba. Large white flowers 10-15 ft.
..... Pkt. 10c.

2369 — BONA NOX (Evening Glory)
Opens its blooms in the evening, large
white flowers. 15 ft.Pkt. 10c.

2370—SETOSA (Brazilian Morning Glory)
A vigorous climber, covers an immense
area, large rose colored flowers with
pink centre. 10-20 ft.Pkt. 10c.



MORNING GLORY

NASTURTIUM

All prices as follows except where noted:—

Packet, 10c. Ounce 30c. ¼ lb. 90c. Postpaid.

DWARF OR TOM THUMB

This dwarf-growing variety is perhaps the most generally grown, and it succeeds everywhere. Makes an ideal plant for edging or borders. The plants themselves are very ornamental. The flowers make a pleasing contrast with their bright colors on the deep green background of leaves. Soak seed well before planting.

2581—AURORA. A beautiful terra cotta.

2582—BEAUTY. Yellow with scarlet markings.

2585—EMPRESS OF INDIA. Crimson.

2587—KING OF TOM THUMB. Bright scarlet.

2588—KING THEODORE. Deep crimson.

2592—RUBY KING. Ruby red, salmon tinted.

2593—SPOTTED KING. Dark yellow with brown spots.

2594—VESUVIUS. Deep salmon rose.

2595—McKENZIE'S CHOICE MIXED.

VARIEGATED

Enthusiastic lovers of Nasturtiums hailed with delight this introduction. Unquestionably the Variegated-leaved are without a rival with beautiful and pleasing leaf markings of white, cream, gold, green, etc., and their gorgeous colored flower.

2545—TALL (Lobb's), QUEEN WILHELMINA.

2546—TALL (Lobb's), McKENZIE CHOICE MIXED.

IVY LEAF

No praise can be too high for this lovely creation. It has proven a surprise and delight to all who have grown it. The plants in habit are similar to both the dwarf and tall varieties of the ordinary types. The leaves are a delicate English Ivy-leaved form, while the flowers are strikingly yet daintily fringed.

2547—DWARF, OTHELLO. Deep maroon.

2548—DWARF, BUTTERFLY. Bright golden yellow.

2549—DWARF, McKENZIE'S CHOICE MIXED.

2552—TALL, McKENZIE'S CHOICE MIXED.

LOBB'S CLIMBING

Grows very rapidly, but the foliage and flower are smaller and more delicately shaped than the preceding. It is equally desirable as it embraces many beautiful varieties with a wide range of coloring.

2560—GOLDEN QUEEN. Pure golden yellow.

2561—LUCIFER. Very dark scarlet.

2565—RUDOLPH VIRCHOW. Charming ruby color with rich yellow calyx and spur.

2563—McKENZIE'S CHOICE MIXED.

Pkt. 10c. Oz. 25c. ¼ lb. 75c.

TALL OR CLIMBING

This is the type of Nasturtium so extensively used for window boxes, verandahs, stone piles, walls, fences and unsightly locations. Our seed is of exceptionally robust growth, it gets away to a quick start and produces rapid, strong growing vines and profuse bloom.

2566—COCCINEUM. Bright scarlet.

2567—DUNNETT'S ORANGE. Orange.

2568—HEINEMANNI. Chocolate.

2570—KING THEODORE. Rich crimson.

2571—PEARL. Cream white.

2574—McKENZIE'S CHOICE MIXED.

Pkt. 10c. Oz. 25c. ¼ lb. 75c.

Myosotis or Forget-Me-Not (H.P.)

An old-fashioned, attractive flower. Is fine for edging. Probably the most suitable flower for a shady location. Will flower first year if seed is sown early. 6 to 12 inches high.

2520—ALPESTRIS. Bright blue, fragrant towards eveningPkt. 10c.

2522—ALPESTRIS VICTORIA. Sky blue, dwarf, the best for pots Pkt. 10c

2523—PALUSTRIS. Azure blue flowers borne in racemesPkt. 10c

PANSY (H.P.) Giant (Viola Tricolor Maxima)

This strain of Pansies is far superior to the regular bedding variety. It contains only large and well formed varieties of unusual forms and markings and will please the most critical lover of fine Pansies.

All varieties **10c** per packet, except as marked.

- 2667—FIRE KING. Lower petals golden blotched magenta, upper petals purple, very showy.
 2668—GOLDEN QUEEN. The best yellow Pansy.
 2669—INDIGO BLUE. Very rich blue.
 2670—MADAME PERRET. Wine shade on white ground, very showy.
 2671—PRINCE BISMARCK. Light brown-black eye, very showy.
 2673—McKENZIE'S GIANT MIXED. Gorgeous shade and colors.

GIANT MIXTURES

- 2679—CASSIER'S GIANT. The largest of all blotched Pansies, very showy.
 2680—PARISIAN LARGE STAINED. Of immense size, mostly white ground and fine blotched. A very free bloomer.
 2681—MASTERPIECE. A superb new class of blotched Pansies. The flowers are gigantic and are invariably ruffled or undulated; a decidedly attractive race. **Pkt. 15c.**
 2682—ENGLISH PRIZE SHOW. A very choice strain.

GIANT TRIMARDEAU

This strain is recognized as one of the most beautiful and varied Pansies ever introduced. The flowers are beautifully gold-edged, blotched and pencilled in the most delicate shades. The Trimardeaus are exceptionally showy, of vigorous and compact growth and the flowers are of immense size.

- 2674—White with purple eye..... **Pkt. 10c.**
 2675—Yellow with black eye..... **Pkt. 10c.**
 2676—McKENZIE'S. Finest Mixed..... **Pkt. 10c. 1/8 oz. 40c.**

BEDDING VARIETIES

Used when size is not specially required. Plants are stocky and bloom freely. All varieties **10c** per pkt.

- 2697—King of the Blacks. A lustrous jet black; an extra fine strain.
 2698—Lord Beaconsfield. A purple violet, top petals white; splendid.
 2699—President Carnot. White, each petal blotched violet, very fine.
 2701—Victoria. A wine-red, a superb colour.
 2702—Fine Mixed. Highly recommended.



McKENZIE'S
GIANT PANSIES

Linum-Flax A Pretty Border Plant

This is a very showy annual and is fine for edging or massing. The flowers of the annual variety are bright crimson, the plant in bloom being very attractive. Blooms freely till frost.

- 2420—GRANDIFLORUM RUBRUM. (H.A.) Bright crimson.
Oz. 25c, Pkt. 10c
 2421—FLAVUM— (H.P.) Neat and compact, flowers bright golden yellow. 1 ft. **Pkt. 10c.**
 2422—PERENNE (H.P.) Bright blue flowers, very graceful **Pkt. 10c.**

Phlox One of the Easiest Flowers to Grow

The "Grandiflora" types produce large flowers, but the habit is straggly compared with the "Nana Compacta," which is dwarf and forms compact and well-shaped plants, profusely decorated with a mass of blooms. This Half Hardy Annual is easy to grow, thriving in any good garden soil, but prefers plenty of sunshine.

- | | |
|---|-------------|
| | Pkt. |
| 2731—DRUMMONDI GRANDIFLORA CHAMOIS. Rose with white eye, a charming flower..... | 10c. |
| 2732—DRUMMONDI GRANDIFLORA KERMESINA SPLENDENS. Vivid crimson, very bright and effective..... | 10c. |
| 2734—DRUMMONDI GRANDIFLORA SNOW WHITE. A pure white of good substance..... | 10c. |
| 2735—DRUMMONDI GRANDIFLORA. Finest mixed. 1/4 oz. 25c. | 10c. |
| 2741—NANA COMPACTA CINNABRINA. A brilliant scarlet self.... | 10c. |
| 2742—NANA COMPACTA COCCINEA. A glowing fiery red self.... | 10c. |
| 2743—NANA COMPACTA FIREBALL. An extra fine variety, color blood red..... | 10c. |
| 2745—NANA COMPACTA SNOWBALL. A pure white. of good quality..... | 10c. |
| 2746—NANA COMPACTA SPLENDENS. A bright crimson with a decided white eye..... | 10c. |
| 2747—NANA COMPACTA CHOICE MIXED.....1/4 oz. 25c. | 10c. |

The flower lover who is inexperienced in growing flowers will delight in the sure results from planting either Pansies or Phlox. Only the most ordinary care is required.



PHLOX DRUMMONDI GRANDIFLORA



DOUBLE PETUNIA

Portulaca (Purslane H.A.)

This is undoubtedly one of the most useful hardy annuals for Western Canada, and seems to revel and flower profusely under conditions which would be absolutely unsuited to most other flowers. The leaves, which are of a peculiar structure, are adapted to withstand extremes of heat and drought, and in consequence, it remains green and produces a most dazzling display of richly colored flowers, where other flowers would wilt and die.

The culture of the plant is simplicity itself; if sown thinly where it is intended to bloom, all that will be required is to pull out any weeds, also to thin out where the plants may be too crowded. Being dwarf growing, winds do not affect it.

Makes a perfect bed of bloom—the more sun the more flowers you have. Do best in a light sandy soil and do not need much depth.

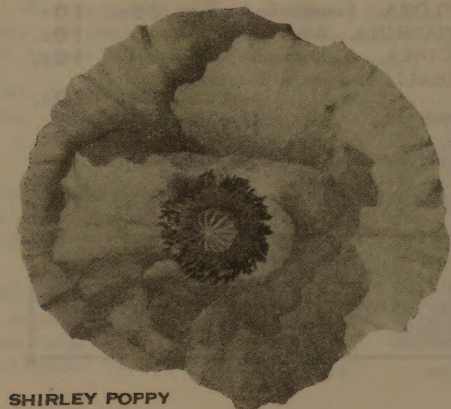
A combination of Portulaca and Ice Plant gives a nice effect and both are equally suited to Western Canada and equally easily grown.

2798—Finest Single Mixed.....Pkt. 10c.
2799—Finest Double Mixed.....Pkt. 10c.

Iceland Poppy

These Poppies are becoming more generally grown every year. In great demand in western parks and summer resorts on account of their great adaptability and beauty. We get inquiries for this seed from many people who have seen the elaborate displays in these public gardens.

2791—NUDICAULE
Mixed, Oz. \$1.00
Pkt. 10c



SHIRLEY POPPY

Petunia

Two New Varieties—Finest Double Flowering

Western Canada seems to be particularly well adapted to the growing of Petunias. They give a constant supply of magnificent flowers, beautifully fringed and ruffled, colors varied and attractive.

Seed should be sown inside in early spring in light rich soil. Transplant when large enough to pots or another box and set out when weather is real warm. Be sure to save all the weakest plants as frequently they produce the finest double flowers.

NEW DOUBLE SEED PRODUCING PETUNIA

This is without a doubt the finest strain of Petunias grown. Unlike most strains they will produce 60% to 75% double flowers—something alone worth while.

All colors are obtained with the lighter shades predominating—flowers are enormous in size and beautifully fluted and fringed.

This Petunia we recommend and know they will please our customers who are looking for something really worth while in new varieties.

2717—McKenzie's New Double Seed Producing Petunia
.....Pkt. 40c.

"MARVELOUS" DOUBLE PETUNIA

This strain is remarkable for the size of its flowers—many flowers will measure 5 inches across and you will find few under 3 inches. They are truly marvelous and surpass any Petunia ever offered in form, color, size or beauty.

The flowers are beautifully frilled, ruffled and fluted and range through all the colors from snowy white to violet and variations of all these shades.

2725—McKenzie's Marvelous Double Petunia. Pkt. 40c.

GIANT FRINGED

Rich, beautiful flowers fringed and ruffled.

2723—McKenzie's Giant Single Fringed. Choice Mixed.....Pkt. 25c
2724—McKenzie's Giant Double Fringed. Choice Mixed.....Pkt. 25c.

BEDDING VARIETIES

The bedding varieties are always popular, as they last for a long time in bloom and flower profusely. Plants are dwarf and compact and are suitable for pot culture: 1-3 ft. July-Sept.

A good selection of varied colours.

2718—Single choice Mixed.....Pkt. 10c.
2719—Howard's Star. Single bicolor, purple and whitePkt. 10c.
2721—Snowball. Pure white, single.....Pkt. 10c.

Poppy (Papaver) *Gorgeous and Dazzling*

Poppies are easily grown. Should be sown where they are intended to flower, as they do not stand transplanting successfully. Seed should be barely covered with soil.

SINGLE ANNUAL

2768—ADMIRAL—(Peony Flowered) White with broad brilliant scarlet band, very effective.....Pkt. 10c.

2767—McKenzie's

Selected Strain Shirley

Contains many charming colors and makes a wonderful display.
Oz. 25c Pkt. 10c.

2769—BURBANK'S NEW SANTA ROSA. (Shirley) Finest mixed, a magnificent strain and will give a most pleasing display of gorgeous brilliant blooms.
1/4 oz. 25c Pkt. 10c.

DOUBLE ANNUAL

2782—ARIEL (Peony Flowered). A charming early variety: color, salmon red on white ground, outer petals garnished at the base with a lilac blotch....Pkt. 10c.

2781—CARNATION FLOWERED. Flowers of beautiful colors and attractive form. Especially suitable for cuttingPkt. 10c.



ICELAND POPPY



STOCKS

Verbena (H.A.)

McKenzie's Large Flowered
Decidedly Captivating

One of the dear old flowers that will always be popular both for garden and house. It has no superior for constant flowering, brilliancy and beauty of color. Verbenas are free flowering hardy annuals of low spreading growth. Single plants in rich soil will cover a space three to four feet in diameter and furnish a profusion of flowers. Fewer plants are better liked and give more satisfaction; strong, healthy and vigorous. By sowing inside and transplanting, you get a very early bloom continuing until after first frost.

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| 3092—McKENZIE'S LARGE FLOWERED. Striped Colors | Pkt. 10c. |
| 3094—McKENZIE'S LARGE FLOWERED. White | Pkt. 10c. |
| 3097—McKENZIE'S LARGE FLOWERED. Choice Mixed | Pkt. 10c. |
| 3107—HYBRID LUCIFER. A new intense brilliant scarlet with no eye | Pkt. 10c. |

Zinnia (H.A.)

Perfect Doubles Exquisite Shades Splendid Sizes

No amount of praise is too great for this popular favorite. Flowers throughout the entire Summer and early Fall, producing an abundance of large double blossoms which are varied and of brilliant colors. Each bloom lasts about six weeks. The Zinnia is a very free grower and of robust habit. Does well under almost any conditions. Each plant blooms in a striking manner and a complete mass of bloom at all times. For perfect doubleness, splendid size, variety and shades, are unsurpassed.

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|--|-----------|
| 3159—McKENZIE'S MAMMOTH FLOWERED. Choice double mixed | Pkt. 10c. |
| 3158—McKENZIE'S DWARF FLOWERING VARIETIES | Pkt. 10c. |
| 3166—CURLED AND CRESTED. Petals are twisted and curled giving the flowers a peculiar and fantastic appearance. | Pkt. 10c. |

LILLIPUT. The small neat pompom flowers arranged on miniature bushes of compact habit are very showy.

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|--|-----------|
| 3161—DOUBLE FINEST MIXED | Pkt. 10c. |
| 3162—DOUBLE GIANT PICOTEE. Mixed | Pkt. 10c. |
| 3163—DOUBLE GIANT QUILLED, BRONZE KING | Pkt. 10c. |

Stocks

Large Flowering Ten Weeks (H.H.A.)

The Largest of all the Large Double Types

The remarkably perfect flowers of this type, produced from one end of the great West to the other, demonstrates that the Canadian West is an ideal climate for Stocks.

The large double flower, much like a double Rose, waxy of texture, varying in colors from white to deep red, has a most delicate fragrance.

It is of compact growing habit, very profuse bloomer, and of extreme hardiness. Seed sown thinly in shallow drills outdoors during May, and when well started, set one foot apart each way, will afford splendid spikes of bloom in profusion during the cool fall months. All packets 10c. each.

- | | |
|-----------------|-------------------|
| 2892—Pure White | 2896—Purple |
| 2893—Blood Red | 2897—Flesh Pink |
| 2894—Crimson | 2898—Scarlet |
| 2895—Light Blue | 2899—Superb Mixed |
- 2900—Dwarf Ten Week "Snowflake, the earliest of the whites, excellent for pot culture with spikes of largesnow white flowers in superb substance. Pkt. 15c.
- 2901—PRINCESS ALICE. A perpetual or branching variety with beautiful large spikes. An excellent sort for cutting, and if seed is sown early, will produce a constant supply of blooms throughout the Summer Pkt. 10c.

Sweet William (H.P.)

Dianthus Barbatus A Beautifully Colored Sweet Scented Flower

A general favorite which should be in every garden. As a border plant, it has few equals, being very showy especially when planted in clusters. As the brilliant colored flowers are borne in umbels, the stalks radiating from one point, quite a charming effect is created. Our mixture contains quite an assortment of colors, for besides selfs, some of the flowers have a striking white eye, surrounded by rose, pink or some other color on the outer portion of the petal. The flowers are very fragrant. The improved forms we offer are much superior to the old types; the individual flowers are larger and more rounded in shape, with colors more distinct and refined. A hardy flower, 1½ ft high.

3072—SINGLE PINK BEAUTY. Salmon pink flowers, highly attractive.....Pkt. 10c.

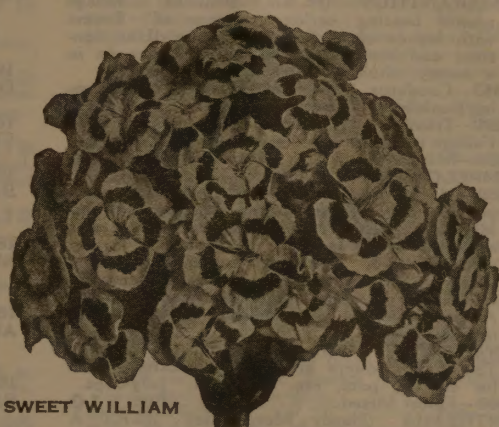
3073—SINGLE SCARLET BEAUTY. A rich scarlet, an exquisite and dazzling color.....Pkt. 10c.

3074—SINGLE FINEST MIXED. Oz. 40c. Pkt. 10c.

3075 — DOUBLE WHITE. Extra choice strains.....Pkt. 10c.

3076 — DOUBLE BLOOD RED. Extra choice strains Pkt. 10c.

3077 — DOUBLE MIXED. Well assorted colors.....Pkt. 10c.



SWEET WILLIAM

Wild Cucumber (Echinocystis Lobata)

A well-known vine common in many sections. The increasing demand for this useful plant is proof that its usefulness is appreciated. It is unequalled for its rapidity in covering walls, fences, verandahs, trellises, etc. Very useful for hiding unsightly objects in the garden on account of the quick growth of the vines. It never suffers from extreme heat, but retains its fresh green color. Very profuse in bloom. It is advisable to soak the seed several hours before planting.

- | | | |
|-----------|---------|----------|
| 2617..... | Oz. 30c | Pkt. 10c |
|-----------|---------|----------|



AQUILEGIA



BARTONIA



CANNA

ABBREVIATIONS. The underlined initials bear the following significations: H.A.—Hardy Annuals. H.H.A.—Half Hardy Annuals. H.P.—Hardy Perennials. H.H.P.—Half Hardy Perennials. H.C.—Hardy Climbers. H.H.C.—Half Hardy Climbers. H.B.—Hardy Biennials. G.P.—Green House Plants.

ABRONIA (Sand Verbena) (H.H.A.) A charming trailing plant suitable for hanging baskets and rockwork. Flowers of a rose pink color. Sweet scented. July-August.

1601—*Umbellata grandiflora*. Pkt. . 10

ABUTILON (Chinese Bell Flower) (G.P.) The bell-shaped flowers vary in color from pure white, orange and rose, blooms profusely; of easy culture. From early spring sowing plants will flower first season. March-October.

1606—Finest Mixed. Pkt. . 10

ACROCLINIUM (H.A.) A popular "Everlasting," greatly esteemed for Winter bouquet work. The flowers should be gathered young, 1 ft. July-Sept.

1621—Album. Single white. Pkt. . 10

1622—Roseum. Single rose. Pkt. . 10

1623—Mixed. Single. Pkt. . 10

ADONIS (Flos Jovis or Pheasant's Eye) (H.A.) Of easy culture, flowers deep crimson; a free bloomer; 1 ft. July-August.

1628—*Oestivalis*. Pkt. . 10

AGERATUM (Floss Flowers) (H.H.A.) A very useful bedding plant, suitable for edging; lasts in flower a long time; does not fade; 6-12 inches. July-Sept.

1633—Mexicanum. Blue. Pkt. . 10

1634—Mexicanum album. White. Pkt. . 10

AGROSTEMMA (Rose of Heaven) (H.A.) Very attractive rose-colored flowers of easy culture; 1 ft. July-Aug.

1641—*Coeli rosa*. Pkt. . 10

AMARANTHUS (H.A.) Brilliant foliage plants bearing curious racemes of flowers with leaves of varied colors; a striking contrast and very effective; should be grown in a sunny situation; 3-4 ft. July-Sept.

1653—*Caudatus* (Love Lie-Bleeding). Drooping panicles of deep crimson flowers. Pkt. . 10

1654—*Tricolor Splendens* (Joseph's Coat). Foliage red, yellow and green. Pkt. . 10

1655—Mixed. Oz. . 25; Pkt. . 10

AMPELOPSIS VEITCHII

1650—(Japan or Boston Ivy) A hardy Ampelopsis of Japanese origin. It grows as rapidly as the old Virginia Creeper, and attains a height of 50 feet. It clings firmly to any wall, tree, etc. The leaves are small on young plants, which at first are of an olive green brownish color, changing to bright scarlet in the Autumn. As the plant acquires age, the leaves increase in size. Pkt. . 10

ANAGALIS (*Pimpinelle grandiflora*) (H.H.A.) The small flowers are very attractive. Fine for edging, pots, etc. 6 inches. July-Sept.

1660—Finest Mixed. Pkt. . 10

ANTHEMIS (Hardy Marguerite) (H.P.) A very free flowering border plant. Useful for table decoration, flowers golden yellow; 1½ ft. July-Sept.

1676—*Kelwayi*. Pkt. . 10

AQUILEGIA (Columbine) (H.P.)

1700—*Chrysanthia*. Golden yellow, long spurred, single. Pkt. . 10

1701—*Skinneri*. Yellow, green, orange; single. Pkt. . 10

1702—Long Spurred Hybrids. Choice M.x.a. Pkt. . 10

1703—Double Mixed. Contains a wide range of colors. Pkt. . 10

ARCTOTIS (African Daisy) (H.A.) Of handsome appearance the flowers are large and floriferous and are borne on long stems well

above the foliage; color pure white on the upper-surface; the reverse side is a pale lilac with a yellow zone in centre 1½ ft. July-Sept.

1713—*Grandis*. Pkt. . 10

ASPERULA. Adapted for rockeries and borders and succeeds best in shady situations. The leaves when dried impart a hay-like scent and will keep the insects from clothes; 6-12 inches. July-Aug.

1733—*Azurea setosa* (H.A.) The small

fragrant lavender flowers combined with graceful and light foliage make it prized for cutting. Pkt. . 10

1738—*Odorata* (Sweet Woodruff) (H.P.). An old favorite esteemed for its fragrant leaves, flowers pure white. Pkt. . 10

ASTER (H.H.A.) One of the most popular bedding plants in cultivation, suitable for decorative purposes, with a fine array of colour; 6 inches to 2 ft. July-Sept.

See Aster Specialties Pages 72-73.

Vick's Branching. Resembles the Paeony flowered, of vigorous habit; the blooms are large and graceful, making them suitable for cutting; 18 inches

1803—Finest Mixed. Pkt. . 10

Queen of the Market. The earliest flowering variety, ready to cut two weeks before any other, of branching habit, flowers large and prolific bloomer; excellent for growing under glass; 1½ ft.

1805—Finest Mixed. Pkt. . 10

Washington or Giant Victoria. Resembles Victoria but larger, with petals more loosely arranged. Flowers average 5 inches in diameter. A superb variety; 1½ ft.

1813—Finest Mixed. Pkt. . 10

Dwarf Crown Mixed—a fine dwarf Aster, bright coloured and very attractive.

1828—Finest Mixed. Pkt. . 10

Chrysanthemum Flowered Dwarf. Producing large perfect, double flowers; 1 ft.

1833—Finest Mixed. Pkt. . 10

Boltze's Dwarf Bouquet—The most dwarf Aster grown. Flowers are perfect in formation and make attractive cut flowers.

1835—Finest Mixed. Pkt. . 10

AUBRETIA (H.P.) A pretty dwarf hardy Alpine plant, producing clusters of rosy carmine flowers; 4 inches. June-July.

1870—*Leichtlini*. Pkt. . 10

AURICULA (H.P.) Saved from prize strain. Very popular bedding and pot plant. Flowers produced in umbels; 6 inches.

1865—Extra choice mixed. June-July. Pkt. . 25

BACHELOR'S BUTTON. See *Centaurea Cyanus*.

BARTONIA. Bright yellow with thistle like foliage, which give it a most attractive appearance.

1886—*Aurea*. Pkt. . 10

BEET (H.H.A.) Their attractive foliage add lustre to a flower border.

1891—Ornamental Chilean scarlet. Pkt. . 10

1892—Ornamental Chilean yellow. Pkt. . 10

1893—Ornamental Chilean. Mixed. Pkt. . 10

BEGONIA (H.H.P.) Unquestionably one of the most attractive bedding and pot plants, remaining in bloom throughout the Summer. Sow seed under glass in February for flowering in July; 1 ft. July-Sept.

1898—Tuberous rooted. Double choice mixed.

Pkt. . 25

1899—*Gracilis*. McKenzie's Special Mixture.

Pkt. . 15

1900—*Semperflorens* Vernon. Charming blood red flowers with dark foliage. Pkt. . 15

1901—*Rex*. Ornamental foliage of red, bronze green, etc. Pkt. . 50

BRACHYCOMBE (Swan River Daisy) (H.A.)

Useful border plant, flowers white and blue 6 inches. July-Sept.

1914—*Iberidifolia*. Mixed. Pkt. . 10

BROWALLIA (Amethyst) (H.A.) Grows freely, abundant bloomer, flowers white, blue and purple, with glossy foliage; 1½ ft. July-Aug.

1919—*Elata*. Pkt. . 10

CALENDULA (Pot Marigold) (H.A.) Makes a very fine border plant; universally popular. Flowers are large and striking. 1-1½ ft. July-Sept.

1935—*Officinalis* fl. pl. Meteor, double yellow, striped lemon. Pkt. . 10

1936—*Officinalis* fl. pl. Prince of Orange. A darker shade than Meteor. Pkt. . 10

1937—*Officinalis* fl. pl. A choice double strain mixed. Pkt. . 10

CALIFORNIA POPPY. (See *Eschscholtzia*).

CALLIOPSIS (H.A.) Popular border plant useful for cutting; flowers all summer. 2 ft. July-Sept.

1943—*Tinctoria*. Golden yellow. Pkt. . 10

1944—*Golden Ray*. New and distinct; flowers bright brown and golden yellow, bushes compact and generally covered with a dense mass of bloom. Pkt. . 10

1945—*Star of Fire*. A brilliant Tom Thumb variety growing 12 inches high, covered with fiery-red Cactus-shaped flowers. Pkt. . 10

1946—*Fire King*. Rich crimson flowers Pkt. . 10

CAMPANULA (Harebell) (H.P.) One of the most popular of the hardy border plants, and should be included in all herbaceous beds.

1949—*Carpatia*, blue, broadly bell-shaped, in loose panicles. 12 inches. July-Sept

Pkt. . 10

1950—*Carpatia* alba, White. Pkt. . 10

1951—*Macrantha*. Blue, a hybrid form with hairy stems; 3 ft. July-Aug. Pkt. . 10

1955—*Pyramidalis*. A most beautiful and stately blue flower. Suitable for pot or garden culture; 3 ft. July-Sept. Pkt. . 10

1956—*Pyramidalis* alba. The white form of the preceding, 3 ft. July-Sept. Pkt. . 10

CANNA (Indian Shot) (H.H.P.) Highly effective when planted in clumps or groups; also adapted for pot culture; 3-6 ft. Aug.-Sept.

1974—*Choicest* Mixed. Pkt. . 10

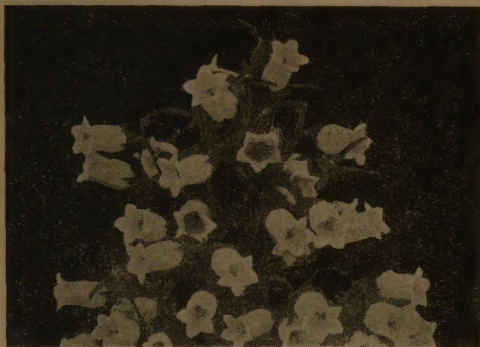
CANTERBURY BELL (H.B.) Very effective in borders. If sown early under glass will flower first season; 3 ft. July-Sept.

1982—*Single* Mixed. A variety of color. Pkt. . 10

CARDIOSPERMUM (Balloon Vine) (H.C.) A rapid annual climber. Flowers are white, followed by seed pods which are balloon-shaped. Prefers a warm sunny situation. July-Sept.

1985—*Halicacabum*. Pkt. . 10

CASTOR OIL PLANT. See *Ricinus*.



CANTERBURY BELL



DAHLIA



LUPINUS

CENTAUREA. These are classified as hardy annuals and perennials. Very effective in the garden. 1½ ft. July-Sept.

2011—*Americana* (H.A.) Easily the largest flowered of all. Flowers measure 3 inches or more in diameter and of an attractive shade of lilac. Worthy of a place in all gardens. Pkt. .10

2012—*Americana alba*. Same as preceding except in color. Creamy white flowers. Pkt. .10
Cyanus Minor (Bachelor's Button) (H.A.) Single flowers, adapted for cutting.

2013—*Emperor William* (H.A.) Bright blue (sky). Pkt. .10

2014—Mixed. Pkt. .10

CHRYSANTHEMUM. The single and double form of this popular annual are always in great request as a cut flower. For flower beds they are invaluable. The annual varieties must not be confounded with the autumn flowering or perennial sorts.

2020—*Tricolor Atrococcineum* (H.A.) Dark scarlet flowers; 2 ft. July-Sept. Pkt. .10

2021—*Tricolor Burridgeanum* (Lord Beaconsfield) (H.A.) White and rose. 2 ft. July-Sept. Pkt. .10

2022—*Tricolor Eclipse* (Chameleon) (H.A.) A light coppery bronze, with a bright purplish crimson zone, the blackish purple disc encircled with golden yellow; 2 ft. July-Sept. Pkt. .10

2023—*Frutescens* (Paris Daisy or Marguerite) (H.H.P.) An established favourite; flowers on slender erect stems, with pure white ray florets surrounding a yellow disc. 2 ft. July-Sept. Pkt. .10

2026—McKenzie's early single perennial. A great Western favourite. (H.P.) Pkt. .10
2027—Single Annual, Choice Mixed (H.A.) Pkt. .10

CINERARIA HYBRIDA. A greenhouse annual, greatly in demand as a pot plant in the Spring; used for decorative purposes. This mixture contains a large variety of color; all shades of white, violet, blue and crimson. Cannot be excelled for size and quality; 1 ft. March-April.

2031—McKenzie's large flowered, prize strain, mixed. Pkt. .50

2036—*Stellata* (Star Cineraria) (G.P.) This miniature forms is hard to beat for cutting and all kinds of decorative work. Blooms freely, and for gracefulness is incomparable; 1½ ft. Nov.-April. Finest Mixed. Pkt. .50

CLARKIA (H.A.) Very popular and fine for cutting. Colors: white, rose and purple; 1½ ft. July-Sept.

2041—*Pulchella*. Single mixed. Pkt. .10

2042—*Elegans*. Double Mixed. Pkt. .10

COBAEA (Mexican Ivy) (H.H.P.) A rapid perennial climber, which easily attains the height of 20 to 30 ft. Flowers are blue, large and bell-shaped. Most attractive. Can be treated as a half hardy annual. July-Sept.

2047—*Scandens*. Pkt. .10

COLEUS (H.H.P.) Leaves richly variegated. Ornamental foliage plant; 1-3 ft.

2052—Finest Mixed. Pkt. .15

COLLINSIA BICOLOR (H.A.) Suitable for bedding. Shades of white, violet and blue. 1 ft. July-Sept.

2057—Mixed. Pkt. .10

CONVOLVULUS (Climbing Morning Glory) (H.A.) The well-known climber of rapid growth. Essentially the plant for covering walls or unsightly places. Flowers protusely. June-Sept. See named varieties Page 00

2062—Major Mixed. Pkt. .10

2063—Minor Mixed (Dwarf Morning Glory) (H.A.) 1 ft. June-Sept. Pkt. .10

2064—*Mauritanicus* (H.P.) A beautiful trailing plant, suitable for hanging baskets. 1 ft. July-Sept. Pkt. .10

CORNFLOWER. See *Centaurea Cyanus*.

COSMOS (H.A.) This popular flower comes into bloom when other flowers are on the wane, and thus increases the duration of brilliancy of colors in the garden. Flowers are large and produced in long stems, and are suitable for decorative purposes; 4-5 ft. Aug.-Sept. (See also page 76)

2074—*Lady Lenox*. Immenze flowers, measuring frequently 4 to 5 inches in diameter; color a beautiful shell pink, of good substance. Pkt. .10

2075—*Extra Early Flowering*. An improved strain which by careful selection will produce flowers in August, and will continue to flower until frost arrives. All shades of red and white. Pkt. .10

CYCLAMEN (G.P.) one of the best indoor plants for vases, table decoration, etc. The flowers stand well above the foliage, are very graceful and of brilliant colorings in all shades of red, and pure white. 9 inches. Nov.-April.

2081—*Persicum giganteum*, superb strain mixed flowers of immense size, and strikingly handsome. McKenzie's choicest mixed. Pkt. .15

CYPRESS VINE (See *Ipomoea*).
DAHLIA (H.H.P.) A very attractive plant producing a constant supply of flowers from Aug.-Sept.; 3-5 ft.

2086—Double, Choice Mixed. Pkt. .10

2087—Cactus, Choice Mixed. Pkt. .15

2088—Pompom, Choice Mixed. Pkt. .10

2089—Single, Choice Mixed. Pkt. .10

Giant Perfection. Large and graceful. In great request for table decoration.

2091—Single, Choice Mixed. Pkt. .10

DAISY. English. See *Bellis Perennis*, Page 75
Shaata. See *Chrysanthemum maximum*.

DIGITALIS (Foxglove) (H.B.) *Gloxineiflora*, suitable for border; 4 ft. July-Sept.

2142—Choicest Mixed. Pkt. .10

DOLICHOS (Hyacinth Bean) (H.A.) A rapid climber with cluster of bean-like flowers. Aug.-Sept.

2162—Mixed. Pkt. .10

ERYSIMUM (H.A.) Charming dwarf annual, bright, reddish orange flowers with lance-shaped leaves, 1 ft. July-Aug.

2177—*Perofskianum*. Pkt. .10

EDELWEISS. See *Gnaphalium*.

ESCHSCHOLTZIA. See Page 78.

EVERLASTING. See *Helichrysum*.

EVENING. Scented Stock. See *Matthiola*.

FLAX. See *Linum*.

FORGET-ME-NOT. See *Myosotis*.

FOUR O'CLOCK. See *Marvel of Peru*.

FOXGLOVE. See *Digitalis*.

FUCHSIA (G.P.) Suitable for the house or shady border, pendant flowers; 3-8 ft. March-Oct.

2217—Single and double choicest mixed. Pkt. .25

GERANIUM (Crane's Bill) (G.P.) The well known pot plant; 1-3 ft. May-Nov.

2235—Apple-scented. Leaves very odoriferous. Pkt. .25

2236—Zonale Fine Mixed. Pkt. .10

2237—New Large Flowering or Show (*Pelargonium*). Choicest mixed. Pkt. .25

GERBERA (*Transvaal Daisy*) *Jamesoni* hybrids (G.P.) One of the latest floral novelties, unprecedented for its beauty; colours range from pure white to yellow, orange, pink, scarlet and crimson. Flowers are produced on long stems and last in bloom two weeks after cutting. Distinctly an artistic ornament for the table. Will flower first season if sown early; 1-1½ ft. July-Sept.

2242—Choicest mixed. Pkt. .50

GEUM (H.P.) An excellent border plant with dark crimson flowers; 1 ft. July-Sept.

2247—*Atrosanguineum* fl. pl. Pkt. .10

GILIA (H.A.) Shades of lavender, yellow and white, useful for beds; 1 ft. July-Sept.

2252—*Tricolor*. Dwarf Mixed. Pkt. .10

GNAPHALIUM (*Edelweiss*) (H.P.) An Alpine plant suitable for rock work. The Swiss national flower; 6-9 inches.

2267—*Leontopodium*. Pkt. .15

GOURDS (*Cucurbita*) Ornamental (H.A.) Vines of rapid growth, suitable for covering verandahs, arbors, etc.

2282—*Dipper*. Very useful. Pkt. .10

2283—*Hercules Club*. Long, tapering towards the stem end. Pkt. .10

2284—*Japanese Nest Egg*. Useful, color white. Pkt. .10

2285—Mixed. Pkt. .10

GYSOPHILA (*Baby's Breath*) Desirable for bouquets or sprays. Especially suited for combining with Sweet Peas. Foliage feathery and blossoms graceful and dainty.

2289—*Elegans Grandiflora Alba* (H.A.) An improved type, pure white flowers. Pkt. .10

2294—*Paniculata* (H.P.) White flowers; blooms first year if sown early. 2 ft. August-September. Pkt. .10

HELIOTROPE (*Cherry Pie*) (H.H.P.) Mammoth Flowering. The well known fragrant flower; the heads frequently measure 12 inches in diameter. Seed sown early will produce flowers in the Summer; 2 ft. Aug.-Sept.

2318—*Choice Mixed*. Pkt. .10

HESPERIS. See *Sweet Rocket*.

HONESTY (*Lunaria biennis*) (H.B.) Very ornamental, much prized for decorative purposes, the silvery seed pods give a charming effect when interspersed in a bouquet; 2 ft. July-Aug.

2342—*Choice Mixed*. Pkt. .10

HUMULUS (*Japanese Variegated Hop*) (H.A.) A rapid hardy climber suitable for covering verandahs, logs of wood, etc. Flowers greenish yellow; 15 ft. July-Sept.

2347—*Japonicus variegatus*. Oz. 50c; Pkt. .10

HUNNEMANIA (*Giant Yellow Tulip Poppy*) (H.A.) This variety is the most prolific of all the Poppy family. A succession of bloom can be assured from May sowings, commencing about the middle of July and continuing until late in the fall. Flowers are cup-shaped, large, golden yellow and very attractive, the colorings of the wavy petals being enhanced by the clusters of bright orange red stamens in the centre; 2 ft. July-Sept.

2352—*Fumariifolia*. Pkt. .10

HYACINTH BEAN. See *Dolichos*.

IBERIS (*Hardy Candytuft*) (H.P.) An excellent rock or border plant with a mass of small delicate lilac flowers which bloom in early Spring. June-July.

2357—*Gibraltaria*. Pkt. .10

ICE PLANT. See *Mesembryanthemum crystallinum*.

IPOMEA. See Page 80

KAULFUSSIA (H.A.) A charming border plant with deep blue ray florets encircling a blue or yellow disc, 12 inches. July-Sept.

2376—*Amelloides*. Pkt. .10

LAVATERA (*Tree Mallow*) (H.A.) very showy border plant with large saucer-shaped flowers in red and white; 2 ft. July-Aug.

2405—*Splendens Sunset*. Pkt. .10

2404—Mixed. Pkt. .10

LEMON VERBENA. See *Verbena*.

LEPTOSIPHON (*French Hybrids*) (H.A.) An attractive border plant suitable for edgings, all shades of colour; 9 inches. July-Sept.

2409—Mixed. Pkt. .10



LAVATERA



NIGELLA



PRIMULA

- LINARIA** (Toadflax) (H.A.) A charming border plant, flowers golden yellow and purple, the contrast between the two colours having a pleasing effect; dwarf habit: 2-4 ft. July-Sept.
- 2414—*Reticulata aurea purpurea*.....Pkt. .10
- 2415—*Cymbalaria* (Kenilworth Ivy or Mother of Thousands) (H.P.) A graceful dwarf trailing plant with branches 2 ft. long, suitable for hanging baskets, vases, etc.; flowers lavender and purple with yellow center, and short spurs. July-Sept.....Pkt. .10
- LANTANA** hybrids (H.H.P.) Suitable as a pot or bedding plant. Flower heads of verbena-like shape in shades of orange, white, rose, etc.; 2 ft. July-Sept.
- 2386—Choice Mixed.....Pkt. .10
- LARKSPUR** (H.A.) A most desirable flower in the garden. The handsome spikes of closely formed flowers produced in brilliant hues, demonstrate its value as a showy border plant. 1-2 ft. July-Sept.
- 2391—Dwarf Double Rocket. A splendid array of colors. Choice Mixed.....Pkt. .10
- 2392—Double Stock Flowered or Tall Branching. An unsurpassable strain of amazing beauty. Choice Mixed.....Pkt. .10
- 2393—Dwarf Candelabrum. Fine double mixed.....Pkt. .10
- LATHYRUS** (Everlasting Pea) (H.P.) A very free growing climber, blooms profusely, flowers odorless; 6-8 ft. July-Sept.
- 2398—*Latifolius* mixed.....Pkt. .10
- LOBELIA** The most effective of all border plants for edging and carpet bedding. Plants are compact and free flowering, remaining in bloom all the Summer; 4-12 inches.
- 2428—Emperor William (H.H.A.) Light Blue, compact.....Pkt. .10
- 2429—White Gem (H.H.A.) White.....Pkt. .10
- 2430—*Cardinalis* (H.H.P.) The dazzling scarlet flowers immediately attract attention in a flower border; 1 ft. July-Aug.....Pkt. .15
- LOVE'S GROVE.** See *Nemophila*.
- LOVE-IN-A-MIST.** See *Nigella Hispanica*.
- LOVE-LIES-BLEEDING.** See *Amaranthus Caudatus*.
- LUNARIA BIENNIS.** See *Honesty*.
- LUPINUS.** An attractive plant easily grown.
- 2435—Annuals, fine mixed. 3 ft. June-Aug. Oz. 30c.....Pkt. .10
- 2436—Arboreus Snow Queen (H.P.) Very fine pure white spikes, 3 ft.....Pkt. .10
- 2437—*Polyphyllus* (H.P.) Blue. 3-6 ft. Pkt. .10
- 2438—*Polyphyllus Albus* (H.P.) White 3-6 ft. Pkt. .10
- 2440—*Subcarneus* (Texas Blue Bonnet) (H.A.) A charming dwarf variety, flowers azure blue. Excellent for front of border. 1 ft. Pkt. .10
- LYCHNIS** (Campion) (H.P.) An herbaceous plant of merit; 2-3 ft. June-Sept.
- 2445—*Chalcedonica*. Dazzling scarlet flowers. Pkt. .10
- 2446—*Haageana* Hybrids. Extra large flowers, shades of scarlet, orange, etc., superior strain Pkt. .10
- MALOPE** (H.A.) An excellent bedding plant. 2 ft. July-Aug.
- 2451—*Grandiflora*. Mixed.....Pkt. .10
- MARVEL OF PERU** (Four o'clock) (H.A.) A bushy plant, bright, attractive flowers; 2 ft. June-Aug.
- 2469—Choice Mixed.....Oz. .25 Pkt. .10
- 2470—Variegated leaves. Choice Mixed Pkt. .10
- MATTHIOLA** (Evening Scented Stock) (H.A.) Flowers of lilac shade usually fragrant in the evening; 1 ft. July-Aug.
- 2480—*Bicornis*.....Pkt. .10

- MESEMBRYANTHEMUM** (Ice Plant) (H.H.A.) Dwarf trailing plants with icy-looking foliage, flowers white; requires plenty of sun; 6 inches. July-Aug.
- 2485—*Crystallinum*.....Pkt. .10
- MIMOSA** (Sensitive plant) (H.H.A.) A peculiar plant which closes its leaves at the slightest touch. Flowers pink; 1½ ft. July-Sept.
- 2500—*Pudica*.....Pkt. .10
- MIMULUS** (Musk) (H.H.P.) Small yellow flowers with fragrant foliage; 6 inches. July-Sept.
- 2505—*Moschatus*.....Pkt. .10
- 2510—*Tigrinus grandiflorus* (Monkey Flower) Large mottled flowers, suitable for pots, rockeries, etc. Prefers a damp situation. 6 inches. July-Sept.....Pkt. .10
- MOMORDICA** (Balsam Apple) (H.H.A.) A rapid climber, producing apple-shaped fruits; 15 ft. Sept.
- 2515—*Balsamina*.....Pkt. .10
- MOON FLOWER.** See *Ipomoea*. Page 80.
- MORNING GLORY.** See *Ipomoea* and *Convolvulus*. Page 80.
- MONKEY FLOWER.** See *Mimulus* above.
- MOURNING BRIDE.** See *Scabiosa*.
- MUSK.** See *Mimulus* above.
- NEMESIA.** A fine plant for borders or window box. Free flowering and rich colours.
- 2615—Dwarf Compact Hybrids.....Pkt. .15
- NEMOPHILA** (Love's Grove) (H.A.) Compact habit, much valued for their gay appearance; 6-12 in. July-Sept.
- 2620—Fine Mixed.....Pkt. .10
- NICOTIANA** (Tobacco Plant) (H.H.A.)
- 2625—*Affinis*. White, sweet scented; 2-3 ft. July.....Pkt. .10
- 2627—*Sanderæ*. A bright carmine, quite distinct.....Pkt. .10
- NIGELLA** (Love-in-a-Mist) *Hispanica* (H.A.) The Blue and White flowers have a peculiar appearance. Foliage feathery green; 1-2 ft. July-Aug.
- 2631—Mixed.....Pkt. .10
- 2632—*Miss Jekyll*.....Pkt. .10
- NOLANA** (Chilian Bell Flower) (H.A.) A dwarf growing plant of procumbent form. Flowers funnel-shaped, of a beautiful blue colour, white in the centre. Suitable for pot and border culture, 6 inches. July-Sept.
- 2637—*Grandiflora*.....Pkt. .10
- ORNAMENTAL GRASSES**
- In Large Demand for Bouquet Work and Ornamental in the Garden.
- BRIZA** (Quaking Grass) (H.A.) A graceful species for bouquets with spikelets of straw color, hanging gracefully at the end of long stems; 1 ft.
- 2654—*Maxima*.....Pkt. .10
- COIX** (Job's Tears) (H.A.) Small pearly seed heads standing above the broad foliage; 2 ft.
- 2656—*Lachryma*.....Pkt. .10
- HORDEUM** (Squirrel Tail Grass) Very graceful and feathery, useful for winter decoration; 1½ ft.
- 2651—*Jubatum*.....Pkt. .10
- ORNAMENTAL GRASSES.** The foregoing collection.
- 2661—Mixed.....Pkt. .10
- PANSY.** See Page 81.
- PAPAVER.** See *Poppies*.
- PENTSTEMON** (H.P.) The seed has been saved from a very choice collection. The *Gloxinia*-like flowers are very large; produced in long handsome spikes, varying in shades of white, purple, rose, pink, and scarlet. Beautifully marked and veined. A handsome border plant; 2 ft. Aug-Sept.
- 2707—McKenzie's choice large flowered hybrids, mixed.....Pkt. .10

- PETUNIA** (H.H.P.) The bedding variety are always popular, as they last for a long time in bloom, and flower profusely. Plants are dwarf and compact and are suitable for pot culture; 1-3 ft. July-Sept. Hybrids.
- A good selection of varied colours.
- 2718—Single choice Mixed.....Pkt. .10
- 2719—Howard's Star. Single bicolor, purple and white.....Pkt. .10
- 2721—Snowball. Pure white, single.....Pkt. .10
- GIANT PETUNIA**—Rich, beautiful flowers fringed and ruffled.
- 2723—McKenzie's Giant Single Fringed. Choice Mixed.....Pkt. .25
- 2724—McKenzie's Giant Double Fringed. Choice Mixed.....Pkt. .25
- PHLOX** (H.H.A.) A popular bedding plant. 1-1½ ft. July-Sept. See Page 81.
- 2750—*Drummondii* Mixed. A good strain. Pkt. .10
- 2751—*Cuspidata* (Star Phlox) Choice Mixed. Pkt. .10
- 2752—Perennials (H.P.) Saved from large flowered varieties. Finest Mixed.....Pkt. .10
- PINKS.** See *Dianthus*. Page 77.
- PLATYCODON** (Japanese Bell Flower) (H.P.) Very graceful and charming flowers. Immensely attractive when planted in mixed borders; 1½ ft. July-Sept.
- 2708—*Grandiflora*. Blue.....Pkt. .10
- 2709—*Grandiflora alba*. White.....Pkt. .15
- 2710—*Grandiflora Mariesii*. Large, open, bell-shaped, deep blue flowers.....Pkt. .15
- POLYANTHUS** (H.P.) A popular border plant; blooms in umbels in early spring; 6 inches. June-July.
- 2762—Gold laced.....Pkt. .10
- POPPY** No other flower produces such vivid and dazzling colours. Very effective in the border; 1-4 ft. July-Sept. See also Page 82.
- Single Annual Varieties
- 2772—The Bride. Pure white *Paeony* flowered Pkt. .10
- 2773—Mephisto. Scarlet with black spots. Carnation flowered.....Pkt. .10
- 2774—Danabrog. Scarlet, blotched silvery white. Carnation flowered.....Pkt. .10
- 2775—*Glaucum* (Tulip Poppy) Outer petals vivid scarlet, shaded orange with violet black stamens; abundant bloomer.....Pkt. .10
- 2776—*Lovigatum*. Dark scarlet, black spots at base, with a border of white around the edges.....Pkt. .10
- Double Annual Varieties.
- 2785—Japanese Pompom. Petals are exquisitely curled.....Pkt. .10
- Perennial Varieties
- 2790—*Bracteatum*. Scarlet, similar to the *Oriente*.....Pkt. .10
- 2793—*Oriente*. Single Hybrids. The largest of all poppies; brilliant colors. Finest Mixed.....Pkt. .10
- PRIMULA.** An excellent pot plant. The hardy perennial varieties are also suitable for rockeries, etc.
- Sinensis*, (Chinese Primrose) (G.A.). Large flowered, fringed; 6 inches. Sept-April.
- 2804—Single Choice Mixed.....Pkt. .10
- 2805—Double Choice Mixed.....Pkt. .25
- Obconica* (G.P.) Cluster of flowers produced on long stems, perpetual flowering; 9 inches.
- 2806—*Grandiflora*.....Pkt. .15
- 2809—*Vulgaris* (Common Primrose) (H.P.) Yellow, 6 inches. June-July.....Pkt. .10

PYRETHRUM (Golden Feather) (H.H.P.) An ideal plant for edge of borders. Flowers yellow, grown for its attractive foliage; 6 inches.

2814—Aureum.....Pkt. . 10
2819—Hybridum Grandiflorum, Single.Pkt. . 10

RHODANTHE (Straw Flower) (H.A.) An everlasting. Suitable for bouquets. Plant in border or pots. 1½ ft. July-Aug.
2826—Manglesii. Soft rosy pink with yellow centre Pkt. . 10
2827—Mixed.....Pkt. . 10

RESEDA. See Mignone'te. Page 79.

RICINUS ZANZIBARENSIS (Castor Oil Plant). Highly decorative in beds; the leaves grow to a large size, giving a rich tropical effect.
2832—Mixed.....Oz. . 25; Pkt. . 10

RUDBECKIA. (Cone Flower) For cutting these hardy annual and perennial plants would be difficult to excel, the flowers lasting up a long time. An excellent border plant, showing up well in mixed borders; 2-5 ft. July-Sept.

2837—Speciosa bicolor (H.A.) Single yellow flowers with blackish purple conical disc. Pkt. . 10

2839—Golden Glow (H.P.) Increases in popularity each season; flowers large double, of a sulphur-yellow color. Excels for decorative purposes.....Pkt. . 10

SALPIGLOSSIS grandiflora (H.A.) One of the popular border plants. The large Petunia-shaped flowers, which are richly veined and marked, present a charming sight when planted in clusters; 2 ft. July-Sept.

2844—Choice Mixed.....Pkt. . 10

SALVIA (Scarlet Sage) (H.H.P.) The dense mass of dazzling scarlet flowers are a source of admiration in the garden. The flowers are produced in sturdy, compact bushes, and at a distance the density of bloom gives a beautiful brilliant effect impossible to describe. Flowers first year from seed sown under glass in Feb. or March; 1-3 ft. Aug.-Sept.

2849—Bonfire. Erect spikes of bright scarlet flowers.....Pkt. . 10

2850—Lord Fauntleroy. Dwarf, compact bushes, deep red flowers.....Pkt. . 10

2851—Splendens. A flaming red.....Pkt. . 10

2852—Patens (Blue Sage) Deep blue flowers. Makes an attractive pot plant; of dwarf habit, quite unique.....Pkt. . 15

SCABIOSA (Pincushion Flower) (Mourning Bride). Invaluable as a cut flower. Suitable for borders; the flowers are borne on long erect spikes and afford a fine display all Summer; 2-3 ft. July-Sept.....Pkt. . 10

2857—Double Large Flowering. (H.A.) Comprises a grand assortment of color. Highly recommended. Mixed.....Pkt. . 10

2858—Dwarf Double (H.A.) Produces a gorgeous array of flowers. Mixed.....Pkt. . 10

SCHIZANTHUS. (Butterfly Flower, or Poor Man's Orchid) (H.H.A.) Unsurpassed for bouquets and buttonholes, and excels as a border plant. Of branching growth; flowers in profusion; 1-2 ft. July-Sept.

2866—Wisetonensis Hybrids. Choice Mixed. Pkt. . 15

2867—Large Flowered. Saved from very large flowers of exquisite colors. Finest Mixed.....Pkt. . 10

SEA LAVENDER. See Statice.

SENSITIVE PLANT. See Mimosa pudica.

SHASTA DAISY. See Chrysanthemum Maximum.

SILENE. (Catchfly) (H.A.) A compact plant producing single and double flowers of extreme beauty and gracefulness; 6 inches. July-Sept.

2872—Pendula compacta. Snow King, pure white, very dwarf.....Pkt. . 10

2873—Pendula compacta, double, mixed. extra choice.....Pkt. . 10

SNAPDRAGON. See Antirrhinum. Page 74.

STATICE (Sea Lavender) (H.P.) A charming perennial border plant; fine for cutting. Flowers will last throughout the winter when dried. Produced in umbels on long stiff stalks; 1 ft. July-Sept.

2885—Incana nana. Pale blue and white, dwarf habit. Mixed.....Pkt. . 10

2886—Latifolia. Pale Lavender, very popular. Pkt. . 10

STEVIA (H.H.A.) Adapted for pot or border culture. Flowers may be obtained throughout Summer and Winter. Fine for cutting. 1½-2 ft.

2883—Serrata.....Pkt. . 10

STOCKS. The well known bedding and pot plant with densely covered spikes of sweet scented flowers. The winter flowering varieties may be treated as annuals, and usually have a high percentage of double flowers; 1-2 ft. July-Sept.

Ten Week (H.H.A.) In variety. See page 87.

2907—Beauty of Nice (H.B.) Large beautiful spikes of delicate flesh pink.....Pkt. . 10

2908—Crimson King (H.B.) Tall long spikes of a splendid rich crimson color.....Pkt. . 10

2909—Brompton or Winter (H.P.) A superb mixture of double flowers.....Pkt. . 15

2910—White Lady (H.B.) A large flowering Brompton Stock about 20 inches high, and arrayed in remarkable handsome foliage. Very double flowers of a lustrous snowy white. 15 blooms early and remains a long time in flower. Pkt. . 15

STOKESIA (Cornflower Aster) (H.P.) This variety merits attention. It is of easy culture and will flower first year from seed when sown early, but requires a sunny position in the garden. The flowers are invaluable for cutting, measuring 3 inches or more in diameter; of a handsome lavender blue shade. Makes an ideal border plant; 2 ft. Aug.-Sept.

2916—Cyanea.....Pkt. . 15

SUNFLOWER. See Helianthus, page 78

SWEET PEAS in variety and mixture. See Specialties, pages 69 to 71.

SWEET ROCKET (H.P.) An old fashioned border plant, spikes in colors of white, purple and lilac. Very showy; 2-3 ft. July-Sept.

3062—Mixed.....Pkt. . 10

SWEET SULTAN (H.A.) Popular hardy bedding plant; flowers freely and lasts fresh a long time in water; of easy culture; very sweet scented; 2-3 ft. July-Sept.

3067—White.....Pkt. . 10

3068—Dark Purple.....Pkt. . 10

3069—Yellow.....Pkt. . 10

THUNBERGIA (Black-Eyed Susan) (H.H.A.) A quick grower, but requires a sunny position; useful for covering verandahs, suitable for hanging baskets. Various shades of white, yellow and buff; fragrant; 4 ft. July-Sept.

3087—Fine Mixed.....Pkt. . 10

TAGETES

3082—Signata pumila.....Pkt. . 10

TROPAEOLUM canariense. See Canary Bird.

VERBENA (Vervain) H.H.P.) A great acquisition to any flower garden. Commence blooming in Spring, and supply a mass of flowers in terminal spikes in many charming shades throughout the summer. Flowers are produced in clusters which are decidedly captivating to the eye. Sweet scented; 6 to 15 in. July-Sept.

3099—Hybrida Mixed.....Pkt. . 10

3100—Erinoides (Moss Verbena) (H.A.) Produces a mass of moss-like foliage of spreading dwarf habit. The purplish flowers are borne in trusses and are produced in abundance throughout the Summer and Autumn.

Pkt. . 10

3101—Erinoides alba. White, same form as preceding.....Pkt. . 10

3102—Venosa (Hardy Green Verbena) (H.P.) Blackish violet in umbel-like heads, fine for groups or edging. Sow early, as seeds germinate slowly.....Pkt. . 10

3103—Lemon (Aloysia Citridora) (H.H.P.) Very fragrant foliage which, when dried, retains its aroma for a long time. It is equally suitable for borders in the Summer, and pot culture in Winter. Flowers small and whitish, or pale lilac on slender spikes.....Pkt. . 10

VINCA (Madagascar Periwinkle or Old Maid H.H.A.) A well-known bedding plant, also suitable for pot culture. Plants of erect habit, with glossy foliage. A free bloomer; 1 ft. July-Aug.

3113—Rosea. Bright rose.....Pkt. . 10

3114—Rosea alba. White, with distinct rosy eye.....Pkt. . 10

VIOLA (Tufted Pansies) H.H.P.) Scotch Prize. Cannot be excelled for border edging. Very free flowering, giving a constant supply of flowers of lovely shades throughout the Summer. Sow early for flowering same year; 6 inches. July-Sept.

3119—Finest Mixed.....Pkt. . 10

3120—Odorata (Sweet Violet) Sweet scented. Mixed.....Pkt. . 10

VIRGINIA STOCK (H.A.) One mass of flowers all Summer; 6 inches.

3124—Mixed.....Pkt. . 10

VISCARIA Oculata (H.A.) Flowers profusely; of a bright red color, compact bushes of a dwarf growth. Fine for cutting. 1 ft. July-Aug.

3129—Dwarf Perfection.....Pkt. . 10

WALLFLOWER (H.H.P.) A Harbinger of Spring; flowers very fragrant; 1 ft. June.

3134—Single Extra Early Parisian. Will flower first year if sown early. Mixed.....Pkt. . 10

3135—Single blood red.....Pkt. . 10

3136—Single Harbinger, very early, brown. Pkt. . 10

3137—Single fine Mixed.....Pkt. . 10

Double Dwarf. A very fine strain, producing magnificent spikes of all shades of color.

3139—Finest mixed.....Pkt. . 10

WILD CUCUMBER. See Echinocystis. Page 83

WILD FLOWER GARDEN (H.A.)

3143—Assorted colors.....Pkt. . 10

XERANTHEMUM (H.A.) Everlasting flowers for Winter decoration. July-Aug.

3148—Double Mixed.....Pkt. . 10

ZEA (H.A.) Leaves beautifully striped with white, rose and yellow; very effective in the border; 3-4 ft.

3153—Japonica Variegata.....Pkt. . 10

Valuable Books for Poultrymen, Farmers and Gardeners EACH POSTPAID

American Horse and Horse Breeding (Dimon)..... \$2. 75
American Horticultural Manual (Budd)..... 3. 25
Brock's Book on Birds..... . 35

Horse Breeding (Sanders)..... 2. 50
Irrigation Farming (Wilcox)..... 3. 00
Key to Profitable Stock Feeding (Myrick)..... . 40

Modern House Plans (Reed).... 1. 75
Play and Profit in My Garden (Roe) 1. 50
Canadian Poultry Review, Illustrated Monthly Magazine, one year..... 1. 00

If you are interested in books on any subject, which are not listed above, write us for prices.



Planet Jr. Garden Tools

Planet Jr. Farm and Garden Tools have been known for years as most reliable. They are of the very best quality and design and will do good work. They are real labor savers both in planting and cultivating. Complete Planet Jr. Catalog on request.

PRICE AT	No. 4 Complete	No. 4 Plain	No. 1	No. 31	No. 25	No. 3	No. 11
BRANDON	\$22.50	\$18.25	\$19.00	\$15.45	\$27.60	\$22.00	\$18.50
MOOSE JAW	23.25	18.90	19.65	15.75	28.25	22.65	19.15
SASKATOON	23.30	19.00	19.80	15.90	28.40	22.80	19.30
CALGARY	23.50	19.25	20.00	16.00	28.60	23.00	19.50

No. 4 Planet Jr. Combined Hill and Drill Seeder Single Wheel Hoe, Cultivator and Plow

The most popular machine. Is accurate, simple, durable, reliable and easy running. Quickly changed from a seeder to a complete cultivator. Will be found suitable for a good sized garden. Buy the complete machine. Holds 2½ quarts.

Price complete See above.

Weight 50 lbs.

Price as Seeder only, See above

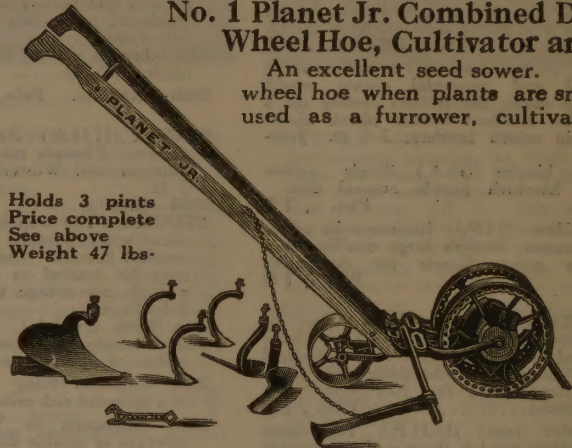


No. 1 Planet Jr. Combined Drill Seeder, Wheel Hoe, Cultivator and Plow

An excellent seed sower. A good double wheel hoe when plants are small. May be used as a furrower, cultivator or garden plow—a good all-round machine. One of the oldest style

Planet Jrs. "still going strong".

Holds 3 pints
Price complete
See above
Weight 47 lbs.



No. 31 Planet Jr. Combined Drill Seeder and Wheel Hoe

A machine that will pay even the very small gardener. Will sow any garden seed any thickness desired and with greatest precision. Changed to a cultivator easily and quickly.

Holds 1 Quart.
Price complete
See above.
Weight 32 lbs.



No. 25 Planet Jr. Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow

A great combination. The simplicity as a wheel hoe and its accuracy as a planter make it thorough and satisfactory.

Holds 2½ quarts
Price complete
See above
Weight 61 lbs.



No. 11 Double and Single Wheel Hoe Combined

The most complete combined hoe. Attachments may be used in many combinations and will be found adaptable to any requirement. May be used until plants are about 20 inches high.

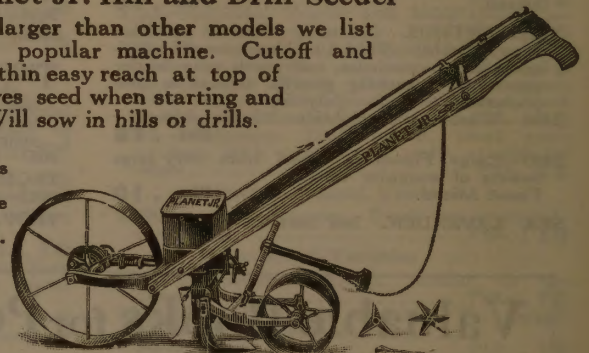
Price complete
See above
Weight 40 lbs.



No. 3 Planet Jr. Hill and Drill Seeder

A little larger than other models we list and a very popular machine. Cutoff and index are within easy reach at top of handle so saves seed when starting and stopping. Will sow in hills or drills.

Holds 3 Quarts
Price
See above
Weight 43 lbs.



PLANET JR. REPAIRS

We carry in stock at Brandon only or can procure for you any repair you may need. State number on broken part when writing.

	Price	Postage Extra		Price	Postage Extra
C91 —Drum for No. 1.....	\$3. 50	10c.	C8—Marker Iron.....	. 70	15c.
C28 —Roller Carrier for No. 1.....	1. 00	20c.	1395—Cultivator Teeth, each.....	. 75	10c.
K243 —Wheel Arm L. H.....	. 65	20c.	4½" Hoes Complete, each.....	. 90	10c.
K290 —Wheel Arm R. H.....	. 95	20c.	6" Hoes Complete, each.....	1. 25	15c.
K409 —Roller Carrier for No. 4.....	1. 60	25c.	M5 or N5 Plow Complete, each.....	1. 50	25c.
K412 —Frame for Wheel Hoe.....	2. 20	35c.	R3 or R6 Plow Complete, each.....	2. 90	25c.

Planet Jr. Garden Tools

When buying a machine we suggest and advise purchasing one with cultivating attachments. There is not much difference in price when buying the machine and you will find plenty of use for them. Extra cultivation pays in bigger yields—cultivate the Planet Jr. way. Complete Planet Jr. Catalog on request.

PRICE AT	No. 12	No. 17½	No. 9	No. 8	No. 90	Fire Fly Plow
BRANDON	\$14. 50	\$8. 90	\$20. 50	\$23. 25	\$23. 00	\$6. 85
MOOSE JAW	15. 15	9. 15	21. 25	24. 25	24. 00	7. 00
SASKATOON	15. 30	9. 25	21. 75	25. 50	25. 25	7. 15
CALGARY	15. 50	9. 40	22. 00	25. 75	25. 50	7. 30

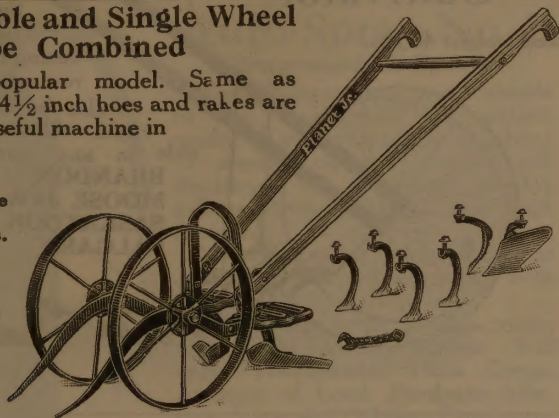
Prices
For All
Machines



No. 12 Double and Single Wheel Hoe Combined

A most popular model. Same as No. 11 except 4½ inch hoes and rakes are omitted. A useful machine in every way.

Price Complete
See above.
Weight 33 lbs.



No. 17½ Single Wheel Hoe

Used by any grower where thorough and rapid work desired. Light and well made, it will be found suitable for any garden culture. Invaluable for cultivating between the rows.

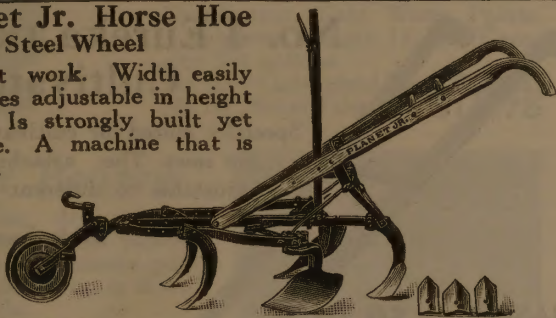
Price See above
Weight 21 lbs.



No. 9 Planet Jr. Horse Hoe with Steel Wheel

Does perfect work. Width easily changed, handles adjustable in height and position. Is strongly built yet easy to handle. A machine that is always useful.

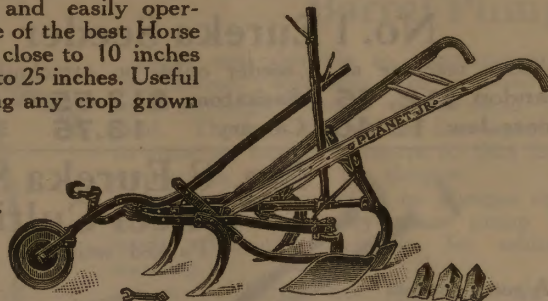
Price Complete
See above
Weight 70 lbs.



No. 8 Horse Hoe and Cultivator

Complete and easily operated and one of the best Horse Hoes. Will close to 10 inches and open up to 25 inches. Useful in cultivating any crop grown in rows.

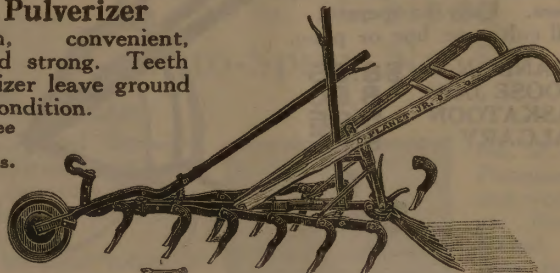
Price See
above
Weight 83 lbs.



No. 90 Twelve-Tooth Harrow, Cultivator, and Pulverizer

Thorough, convenient, durable and strong. Teeth and pulverizer leave ground in finest condition.

Price See
above
Weight 74 lbs.



Fire-Fly Garden Plow

Useful in a small garden.

Will throw furrow 4 to 6 inches wide and 1 to 3 inches deep. For the price it is good value.

Price See
above
Weight 14 lbs.



Brandon Seed House Grass Seeder

No. 8 for Brome Grass, Clover, Timothy, Alfalfa, Millet, Rape and other seeds of same size and kinds. Has 10 ft. Hopper. See prices below.

No. 9 for Western Rye Grass, Clover, Timothy, Alfalfa, Millet and Rape and any other seeds of same size and kind. Has 14 ft. Hopper. The No. 9 will not sow Brome Grass successfully. See prices below.



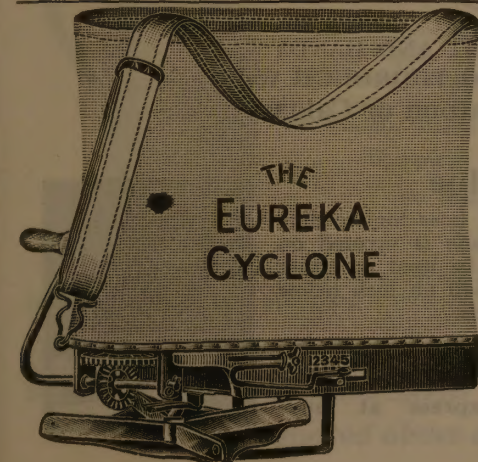
They sow any quantity per acre desired, evenly and accurately.

MACHINE	BRANDON	MOOSE JAW	SASKATOON	CALGARY
No. 8	\$17. 00	\$17. 65	\$17. 80	\$18. 00
No. 9	16. 50	17. 20	17. 50	17. 75

Eureka Cyclone Seeder

Excellent for sowing all grasses, small seeds, etc. Prevents waste and will save about 20 per cent of seed sown by other methods.

BRANDON \$2. 25
MOOSE JAW 2. 40
SASKATOON 2. 50
CALGARY 2. 65
Postage 35c. extra.



MADE
IN
CANADA**Eureka Seeders and Cultivators**MADE
IN
CANADA

This is an all Canadian line of the highest merit. They are simple and compact in construction and can be regulated quickly. Can be set to sow any size seed. The Eureka machine is strong and attractively built and will last for years.

An accurate seeder and will sow any seed evenly and with no waste. The cultivating attachments make it useful throughout the garden year.

No. 2 Eureka Combination Seeder and Cultivator

Packed weight 65 lbs.

BRANDON \$15.75
MOOSE JAW 16.40
SASKATOON 16.55
CALGARY 16.75

**No. 10 Eureka Two Wheel Cultivator**

Packed weight 48 lbs.

Specially adapted for cultivating both sides of row at once. Can also be used between rows. Almost indispensable in any garden.

BRANDON \$7.50
MOOSE JAW 8.15
SASKATOON 8.30
CALGARY 8.50

**No. 1 Eureka Seeder**

Above machine as a seeder only—no attachments.

Brandon \$12.75 Saskatoon \$13.55 Packed weight
Moose Jaw 13.40 Calgary 13.75 50 lbs.

No. 8 Eureka Single Wheel Cultivator

Packed weight 45 lbs.

A good general purpose tool highly recommended for all purposes. Easy to operate: will cultivate, hoe or plow.

BRANDON \$8.25
MOOSE JAW 8.90
SASKATOON 9.05
CALGARY 9.25

**No. 4 Eureka Two Wheel Cultivator**

Specially suited for cultivating between the rows. The attachments are all adjustable to different positions.

Packed weight 28 lbs.

BRANDON \$6.75
MOOSE JAW 7.40
SASKATOON 7.55
CALGARY 7.75

**Hand Cultivators and Hoes**

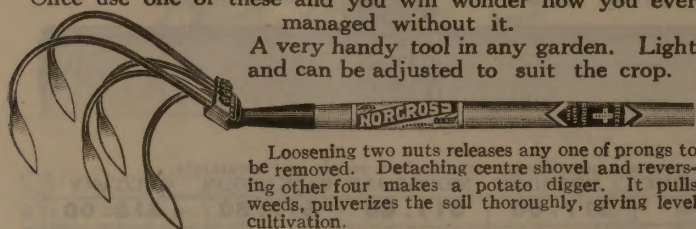
LIGHT AND HANDY
WILL DO THOROUGH WORK

Prices quoted below apply to Brandon, Moose Jaw, Saskatoon or Calgary.

Norcross Garden Cultivator

Once use one of these and you will wonder how you ever managed without it.

A very handy tool in any garden. Light and can be adjusted to suit the crop.



Loosening two nuts releases any one of prongs to be removed. Detaching centre shovel and reversing other four makes a potato digger. It pulls weeds, pulverizes the soil thoroughly, giving level cultivation.

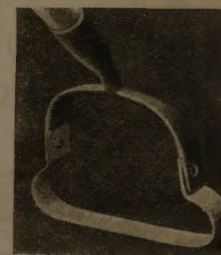
Each \$1.35. By express at purchaser's expense.

Dutch Hoe

One of the most useful hoes for weeding and cultivating. Thin blade is tapered on both edges and hoe can be used in either direction. Glides about half an inch below surface and cuts all weeds.

Blade is made from the finest spring steel and carefully tempered.

75c. each. By express at purchaser's expense.

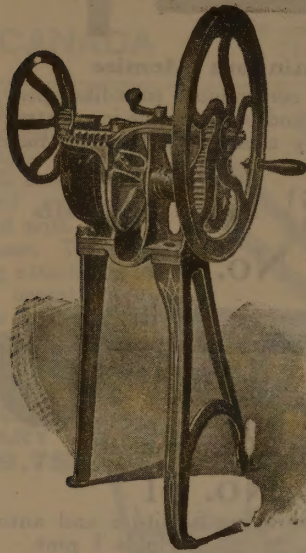


The logo for Brown's Auto Spray, featuring the brand name in a stylized, cursive font with a horizontal bar across the middle containing the word "BROWN'S".

Prices quoted above are from either Brandon, Moose Jaw, Saskatoon or Calgary.

PRICES ON THIS PAGE APPLY TO BRANDON, MOOSE JAW, SASKATOON OR CALGARY, EXCEPT WHERE NOTED.

Humphrey Bone Cutter



No. 1. The popular size for flocks of 10 to 200 hens. The always-open hopper measures $4\frac{1}{2} \times 5$ in. and will take a large steer knuckle bone. This is a hand power machine, weight 120 lbs.

No. 2 $\frac{1}{2}$. Is a combined hand and power cutter of the same bowl capacity as the No. 1; intended for poultrymen who have power, but find it convenient to use the machine by hand at times when the power is not available. Weight 135 lbs.

Clover Cutter

Every poultry man, having from 12 to 20 hens, should have a Humphrey Clover Cutter. This machine has large capacity, so that it takes very few minutes to cut enough clover, alfalfa or straw for large yards. The cuttings are so small and uniform that there is virtually no waste.

Prices At.	No. 1	No. 2, Cutter
BRANDON...	\$21.00	28.00 22.00
MOOSE JAW	22.50	30.00 23.50
SASKATOON	23.50	31.00 24.50
CALGARY ..	24.00	32.00 26.00

WRICO Extension Brood Coop

A profitable investment for poultry breeders. No lost, stolen, strayed or sick chicks to figure up against the profits.

The extension is made of heavy $\frac{1}{2}$ -mesh wire cloth, regalvanized, so the wires will not spread apart.

In fine weather the cage portion is pulled out, giving the hen and chicks double area to roam—untrammelled scratching privileges—and all the advantages of a natural open air life—yet isolated from the flock, and protected from rats, cats, dogs and weasels. The sliding edge of the extension being set in a groove, it can be closed without the least trouble or danger to the occupants, by simply pushing it in.

SIZE OF COOP EXTENDED—Height, 18 $\frac{1}{2}$ in. Length 46 in., width 20 in.; weight of 3, crated, 70 lbs. Shipment from any of our Warehouses. Price \$4.90 each; 3 for \$14.50.



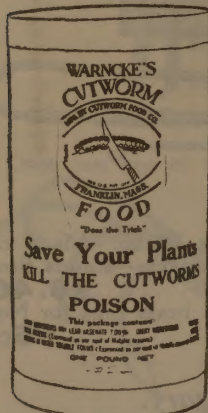
Extended

Cutworm Killer

There is no more exasperating pest than the Cutworm. They are prevalent in most gardens and usually are never noticed until

some morning you find a few of your finest plants destroyed. All the work, expense and anticipation are wiped out in one night.

A teaspoonful of Cutworm Killer around each plant the day it is set out or on each hill as the seedlings break through will avoid all this disappointment. This Killer will not injure the plants. One pound will protect 75 to 100 plants. Per lb. 70c Postpaid



Canary Seed and Bird Supplies

Only the best feed should be used for birds—all supplies listed by us are real McKenzie quality.

CANARY SEED.—Recleaned, imported seed. This is a splendid feed: our seed is of the highest quality. Per lb. 25c. Postpaid.

BIRD SEED.—A mixture of the finest quality of fresh, choice, imported, re-cleaned and well mixed seeds in proper proportion. Will provide the necessary food for birds to keep them in good health and song. Per lb. 30c. Postpaid.

HEMP.—Birds are very fond of this seed. It is oily and rich, so should be fed with discretion. Per lb. 30c. Postpaid.

MILLET.—Recleaned seed, nutritious and appetizing. Per lb. 20c. Postpaid.

BIRD GRAVEL.—Should be kept on the floor of the cage both for health and cleanliness. Helps in digestion and is a necessity. Per lb. 20c. Postpaid.

PARROT FEED.—Giant Sunflower is one of the best feeds for a parrot. Per lb. 35c. Postpaid. Hemp is also used and is quite satisfactory.

BIRD RAPE.—Will keep the birds in excellent condition. Feed with Canary Seed. Per lb. 30c. Postpaid.

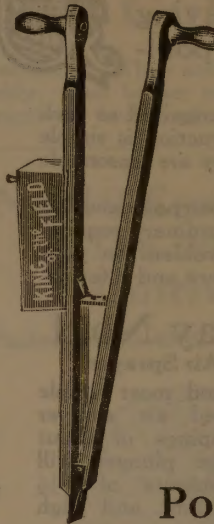
MAW SEED.—Excellent during moulting. Feed sparingly. Per oz. 15c. per lb. 60c. Postpaid.

INGA SEED.—Mix with regular food. Choice seed. Per oz. 15c. Per lb. 60c. Postpaid.

SUNFLOWER SEED.—A good feed for Parrots or Poultry. Per lb. 35c. Postpaid. Larger quantities see colored price sheet Page 49.

CUTTLE FISH BONE.—Keep a piece fastened in cage. Good for digestion and general health. Per oz. 20c. Postpaid.

BROCK'S BOOK ON BIRDS.—Authoritative and complete. 35c. Postpaid.



Corn Planter

King of the Field.

More of these planters are used in Canada than all other makes combined.

The machine is extra well made and will stand years of hard work. The wearing parts are made of iron and are constructed so the planter works accurately and easily.

Price \$2.40.

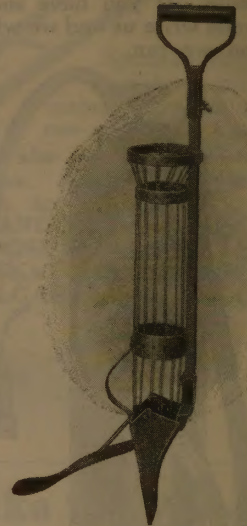
THESE PLANTERS
SAVE TIME, ARE
ACCURATE AND
RELIABLE

Potato Planter

Will save its cost many times over even for a small acreage.

Sharp jaw enters ground as easily as a spade. Seed always in view so no clogging and missing of hills. Handle adjustable for height and set on machine so greatest speed can be made.

Price \$2.50.



ZENOLEUM

Coal Tar Disinfectant and Dip.

We believe Zenoleum is the best general live stock remedy for lice and vermin on all animals. It is a positive disinfectant and can be used freely in stables and poultry houses. Used often it will keep these buildings clean and wholesome.

A sure cure for skin trouble and external parasites on hogs and sheep.

Our guarantee: if Zenoleum is not what we represent it to be we will refund your money.

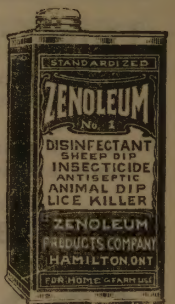
The 8-oz. tin is postpaid. All other sizes by express at purchaser's expense.

8-oz. tin. 50c. makes 6 gals. fluid.

1 qt. tin 80c. makes 25 gals. fluid.

2 qt. tin \$1.50 makes 50 gals. fluid.

1 gal. tin \$2.75 makes 100 gals. fluid.



ROYAL PURPLE CALF MEAL



YOU CAN RAISE CALVES WITH ROYAL PURPLE CALF MEAL
AT ONE QUARTER THE COST OF MILK

BRINGS QUICKER MATURITY

A REAL MILK SUBSTITUTE

Royal Purple Calf Meal can be relied on to be of the highest quality. Government reports may show the ingredients of any feed to be up to certain standards but unless satisfactory results are obtained the purchaser's money is wasted. Royal Purple Calf Meal exceeds even Government requirements in the properties of most value to young calves—it is high in fat and protein and is a real substitute for milk.

Calves can be matured quicker and at less cost with Calf Meal than with whole milk. For the next few years no calves should be slaughtered—by feeding Royal Purple Calf Meal they can be raised at a minimum cost.

Do not experiment with your feed—buy Royal Purple Calf Meal.

Prices	25 lbs.	50 lbs.	100 lbs.
BRANDON.....	\$1.60	\$2.75	\$5.25
MOOSE JAW.....	1.75	3.00	5.55
SASKATOON.....	1.75	3.10	5.65
CALGARY.....	1.95	3.25	6.25

BAGS FREE

Whole Flax Seed

Used for Stock Feeding.
Price per 100 lbs.

Brandon.....	\$4.75	Saskatoon.	\$5.10
Moose Jaw	5.00	Calgary	5.20

Linseed Meal

Fine Ground for Poultries, etc.
Price per 100 lbs.

Brandon	\$5.15	Saskatoon	\$5.50
Moose Jaw	5.40	Calgary	5.60

Oil Cake Meal

A Great Stock Feed necessary especially for
Dairy Cattle Price per 100 lbs.

Brandon	\$3.25	Saskatoon	\$3.60
Moose Jaw	3.50	Calgary	3.75

Poultry and Stock Remedies

Royal Purple

POULTRY SPECIFIC.—Contains all the necessary elements to keep poultry healthy and assists to digest every particle of food.

3 Sizes. 50c. 90c. Postpaid. \$2.15 at buyer's expense.

ROUP CURE.—A pure antiseptic—gets to the root of the disease and kills all the germs. Use it regularly and keep this trouble out of your flock.

2 Sizes. 45c. 70c. Postpaid.

LICE KILLER.—In powder form—is very powerful, so economical. Should be used regularly.

2 Sizes. 45c. 85c. Postpaid.

DISINFECTANT AND LICE KILLER.—A tin should be in every stable—will save its cost many times over. Invaluable for spraying poultry houses, etc. Kills all lice and vermin and keeps the house clean.

45c. Postpaid.

STOCK SPECIFIC.—Made of Roots, Herbs, etc. Mixed to make an ideal conditioner. Contains no drugs. Helps digest the food and purifies the blood.

2 sizes. 90c. Postpaid. \$2.15 by Express at buyer's expense.

COUGH CURE.—Acts directly on the bronchial tubes and relieves inflammation. Keep a bottle on hand.

95c. Postpaid.

GALL CURE.—Has wonderful curative powers. Heals permanently all scratches or harness sores.

2 Sizes. 35c. 70c. Postpaid.

SWEAT LINIMENT.—Will cure sprains, bruises, strains, etc., without laying up your horses. Will not blister.

75c. Postpaid.

WORM POWDER.—Worms eat up profits so get rid of them—this preparation will do it.

2 Sizes. 35c. 70c. Postpaid.

COLIC CURE.—A quick and reliable remedy. Better keep a bottle handy

Pint bottles. \$1.15 at buyer's expense.

Conkey's

ROUP CURE. 3 Sizes. 65c. \$1.15. \$2.20. Postpaid.

CHOLERA CURE. 2 Sizes. 75c. \$1.30. Postpaid.

HEAD LICE OINTMENT.

A wonderful remedy. 50c. Postpaid.

LICE LIQUID.—1 qt. \$1.00 2 qts. \$1.60. **DON'T WORRY CONKEY**

Freight or Express at purchaser's expense.

LIMBERNECK REMEDY. \$1.10. Postpaid. **WILL CURE ME**

SCALY LEG REMEDY. 85c. Postpaid.

WHITE DIARRHOEA REMEDY. 75c. Postpaid.

BRONCHITIS REMEDY.—A real preventative. \$1.20 Postpaid.

GAPE CURE. \$1.30. Postpaid.

RHEUMATIC REMEDY.—\$1.00. Postpaid.

POULTRY LAXATIVE. 65c. Postpaid.



Lee's

LOUSE POWDER.—Destroys lice on poultry and stock.

An old reliable remedy.

Price 70c. Postpaid.

GERMOZONE TABLETS.—An extra good remedy. Used regularly will save a great deal of trouble. For cholera,

colds, canker, chicken pox, etc.

Package \$1.00. Postpaid.



Black Leaf 40

The most effective spraying solution.

A highly concentrated solution of nicotine sulphite. Recommended by all authorities as economical, handy and sure. Especially used for Aphis or Plant Louse.

One bottle will make 6 gallons of spray—can be mixed as desired. Full directions with each package.

Price 65c. Postpaid.



Lenox Sprayer

A hand sprayer, efficient and thorough in its work. Will spray over or under. Easily handled and clean. Every plant lover should have one.

Price \$1.15 Postpaid

Extra bulbs 40c. each. Postpaid.



STIM-©-PLANT

The most modern, efficient and scientific method of fertilizing growing plants.

Stim-U-Plant Tablets are designed for use by all who grow plants inside or out. Used directly to the soil at the base of the plants either in tablet form or dissolved, they stimulate the plant in every way.

No matter how fertile the soil, Stim-U-Plant will prove effective—increase production by its use.

3 Sizes	10 Tablets	30 Tablets	100 Tablets
	20c.	35c.	\$1.00 Postpaid.

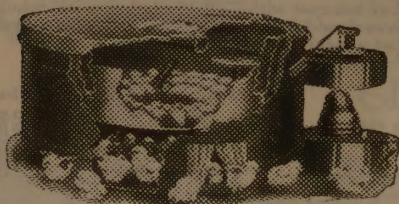
Simplicity Incubators

"HAVE NO COLD CORNERS"

All prices on this page apply to Brandon, Moose Jaw, Saskatoon or Calgary.

An all metal, round, hot water Incubator giving satisfaction season after season to hundreds of users in Western Canada. The Simplicity is true to its name—simple to operate, easily regulated and remarkably successful in bringing off good hatches.

Copper hot water tank entirely surrounds the egg chamber—no cold corners an actual fact and every egg with an equal chance.



Complete illustrated catalog of Simplicity machines free on request.

	Prices
50 Egg Size	\$18.50
100 Egg Size	25.50
150 Egg Size	28.50

SIMPLICITY DAISY HOVER

For those who want a medium sized machine, the Daisy will prove capable and at a very low cost.

Heat is obtained from a lamp so set in as to get all the heat without danger or waste. Hover is made of sheet steel and is compactly built.

A wire cage surrounds the entire hover acting as a protection from Cats and Rats, etc.

Considering the price this is the best value obtainable in a brooder. It is of sufficient capacity (50 to 75 chicks) to be of value to the small poultry raiser and a battery of them will take care of any number.

Price \$16.50



SIMPLICITY
DAISY
HOVER

SIMPLICITY BROODER STOVE

BURNS ALL FUELS EQUALLY WELL

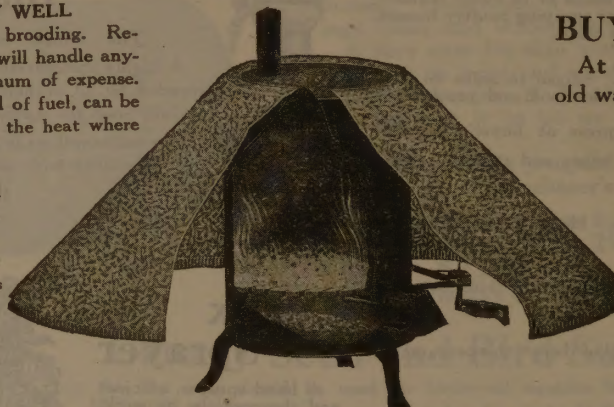
This is the last word in satisfactory brooding. Requires less care than any other style and will handle anywhere from 50 to 700 chicks at a minimum of expense.

Fire is easily regulated, burns any kind of fuel, can be kept in over night. Large canopy keeps the heat where most needed. Regulator is automatic.

Early chicks bring biggest returns and a brooder of some sort is almost a necessity. These machines can be set up in a shed or vacant room and by the time the weather is suitable you will have some real chicks to turn out.

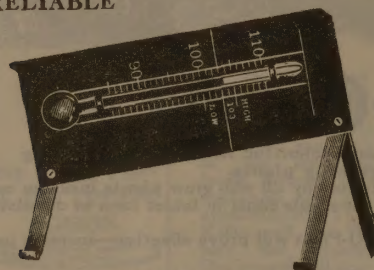
Price \$24.50

Complete except smoke pipe.



SIMPLICITY BROODER STOVE

ACCURATE AND
RELIABLE



THERMOMETERS

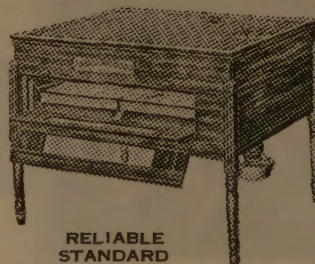
The Thermometer we handle can be used in any make of machine. Can be stood up on folding legs or hung up on wires by using the flanged edge.

Incubator users will find these instruments very reliable.

Incubator Thermometer	1.25
Postpaid	
Brooder Thermometer	1.35
Postpaid	

OLD RELIABLE

INCUBATORS AND BROODERS



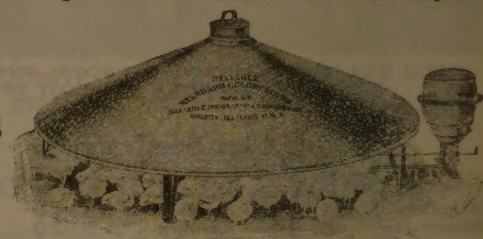
RELIABLE
STANDARD

RELIABLE INCUBATORS

The well known, square, wooden machine either Hot Air or Hot Water heated. Double walls, heavy insulation and self regulating device make the Reliable the hatcher it is.

Variation of the temperature outside will not affect the machine. Holds the heat well. An economical and safe machine in every way.

Hot Water	70 Egg size	\$16.50
"	100 Egg "	29.50
"	140 Egg "	38.00
Hot Air	140 Egg "	31.00



RELIABLE BLUE FLAME
OIL HEATED COLONY HOVER

BLUE FLAME WICKLESS OIL HEATED COLONY HOVER

Has many advantages over any other Hover. Heated by coal oil which is always obtainable. No dirt, ashes or noise to disturb the young chicks. Automatic regulator controls the heat, governs control of oil and insures even temperature. Is easily set up and takes up little room. Will handle any number of chicks up to capacity.

No. 0—30 inch canopy	Capacity 350 chicks	Weight 40 lbs.	\$20.50
No. 1—42 "	" 500 "	45 "	\$21.50

BUY NOW—

At these prices it will pay you to discard the old way of waiting for a clucking hen - set your machine as early as you like. The early chicks are the ones that pay - lay your plans now and have your machine on hand ready for use.

All machines listed are subject to being unsold - your order on file early will avoid any disappointment.

CYPHER'S BROODERS

The last of these well known and well made machines. Can never be replaced at these figures.

Style Brooder	Capacity	Weight	Regular price.	Now reduced to
A—Outdoor	75 chicks	135 lbs.	\$30.90	\$20.00
B—Outdoor	100 "	208 "	50.50	30.00
D—Indoor	75 "	120 "	34.25	22.00
Paradise } Base Section	140 "	250 "	56.95	30.00
Indoor } Upper Section	140 "	150 "	41.60	23.00
Adaptable Hover	100 "	50 "	29.50	15.00
Portable Hover	100 "	40 "	21.75	13.00

All prices on this page apply to either Brandon, Moose Jaw, Saskatoon or Calgary

A PAGE OF POULTRY REQUISITES

Prices quoted apply to Brandon, Moose Jaw, Saskatoon or Calgary except where noted.

ONE
SETTING
SIZE
\$3.25
per doz.

TWO
SETTING
SIZE
\$5.30
per doz.

At pur-
chaser's
expense.

The Handy Egg Box

Particularly suited for shipping Egg Sett ngs.
LIGHT AND STRONG AND MAY BE SEALED.

CHAMPION LEG BAND

Very useful in distinguishing select fowls from others in the same flock, identifying them from your neighbour's, for marking certain hatchings and for trap nesting. Made of aluminum, very strong and durable. Easily attached. Fastens securely. Numbered from 1 to 100.

12 25 50 100
25c. 35c. 55c. 85c. Postpaid.

Dry Food, Grit and Shell Box

This handy Grit Box eliminates the waste occasioned by feeds, grits, shells, etc., being placed in pans or low dishes and scratched out by the fowls. Made of galvanized iron. Strong, light and durable. Has three compartments.

Large size, each.....\$1. 35
By express at purchaser's expense.

Colored Leader Adjustable Leg Band

Similar to the Champion but each band has black number on the brightly colored band. Numbers show up very plain and can be distinguished readily at some distance.

Numbered 1 to 12 1 to 25
40c. 75c. Postpaid.

3 colors only: Green, Yellow, Red.

Chick Feeders

A great saver of feed. Handy and easily taken apart for cleaning. Postpaid

8-hole size 50c each.
12-hole size..... 65c each.

Single Spiral Celluloid Poultry Rings

Made in Canada

Far superior to any other Key Ring Band on the market. We stock them in the following colors: Cerise, Green, Dark Blue, Red, Light Blue.

Table of Sizes		Prices Postpaid		
Size	For Pigeons	25	50	100
1	Bantams	.25	.40	.80
2	Half Grown Chicks			
3	Minorcas, Leghorns			
4	Campine, Hamburg, Scotch Greys, and Langshan, French and Small Ducks	.35	.65	1.10
5	Wyandotte, Plymouth Rocks, Large Ducks			
6	Cochin, Brahma	.40	.70	1.20
7	Turkeys, Geese, etc.			

Combination Food and Water Fountain

A convenient means of keeping either water or feed clean and fresh. An ordinary glass jar fits the fountain, spring at the top holding the jar in position. Made to fit either one or two quart jars.

1 Quart size 40c. 2 Quart size 50c.
Postpaid.

Nest Eggs

They are the best means obtainable to attract hens to the proper laying place, thus preventing them from seeking out-of-the-way places.

LIME NEST EGGS, 60c per doz.
Postpaid.

Black Hawk Grinding Mill

One of the handiest machines for household and farm use. Make your own Graham flour and Corn meal. Cracks wheat, barley, rye, corn, etc., for feed. Easily adjusted and easily cleaned. Grinders of hard steel. Weight 16 lbs.

Brandon..... \$4. 65 [Saskatoon.. \$4. 90
Moose Jaw..... 4. 80 Calgary..... 5. 00

At Purchaser's expense *

Poultry Medical and Surgical Case

Contains specific remedies for any poultry ailment. Surgical instruments for simple operations. Order quickly at this price.

\$1.00 Postpaid.

Poultry Punch

Each 35c. Postpaid

This is the neatest, handiest and easiest operating poultry marker made. By perforating the web, between the different toes, varying toe and foot, you can mark different hatchings in unlimited numbers.

Lenox Sprayer

Every one who keeps plants will want one of these. Throws a mist like spray under or over the leaves. Easily filled, simple and clean to operate.

Price \$1.15 each Postpaid.
Extra rubber bulbs. 40c. each Postpaid

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QUANTITY OF SEED TO SOW PER ACRE AND WEIGHT PER BUSHEL

GRAINS			GRASSES AND CLOVERS			VEGETABLE SEEDS			
	Per acre	Per bus.		Per acre	Per bus.		Quantity per acre		
Barley, Broadcast.....	2	to 2½ bus.	48 lbs.	Red Clover, Common.....	12 to 15 lbs.	60 lbs.	Artichoke.....	1 oz. to 500 plants.....	6 oz.
Barley, in drills.....	1½	to 2 bus.		Sweet Clover.....	10 to 15 lbs.	60 lbs.	Asparagus.....	1 oz. to 800 plants.....	1 lb.
Barley, Hulless.....	1½	to 2 bus.	60 lbs.	Alsike.....	10 lbs.	60 lbs.	Beans.....	1 lb. to 100 ft. of drill.....	1 bus.
Buckwheat.....	¾	to 1 bus.	48 lbs.	White Clover.....	10 lbs.	60 lbs.	Beet, garden.....	1 oz. to 50 ft. of drill.....	6 lbs.
Corn, 1 lb. to hills.....	1½	to 20 lbs.	56 lbs.	Alfalfa (all varieties).....	8 to 10 lbs.	60 lbs.	Broccoli.....	1 oz. to 2,500 plants.....	3 oz.
Corn, in drills.....	1½	to ½ bus.		Timothy.....	6 lbs.	48 lbs.	Cabbage.....	1 oz. to 200 plants.....	4 oz.
Sunflower.....	10	to 12 lbs.		Brome Grass.....	14 lbs.	14 lbs.	Carrot.....	1 oz. to 100 ft. of drill.....	3 lbs.
Flax.....	20	lbs.	56 lbs.	Western Rye.....	15 lbs.	14 lbs.	Califlower.....	1 oz. to 2,500 plants.....	2 oz.
Oats.....	2	to 3 bus.	34 lbs.	Kentucky Blue.....	30 lbs.	14 lbs.	Celery.....	1 oz. to 3,000 plants.....	4 oz.
Peas.....	2	to 3½ bus.	60 lbs.	Red Top.....	15 lbs.	14 lbs.	Corn, Sweet.....	1 lb. to 100 hills.....	10 lbs.
Rye—Spring or Winter.....	1½	to 1½ bus.	56 lbs.	Orchard Grass.....	15 lbs.	14 lbs.	Cucumber.....	1 oz. to 50 hills.....	2 lbs.
Rye, cut.....	2	bushels	5 lbs.	O. K. Pasture Grass.....	15 lbs.	14 lbs.	Kohl Rabi.....	2 oz. to 100 ft. of drill.....	3 lbs.
Tater, or Vetches.....	2	to 3 bus.	56 lbs.	Millet.....	20 lbs.	48 lbs.	Leek.....	1 oz. to 100 ft. of drill.....	2 lbs.
Wheat, in drills.....	1½	to 1½ bus.	60 lbs.	Sudan Grass, broadcast.....	20 lbs.		Lettuce.....	1 oz. to 100 ft. of drill.....	2 lbs.
							Onion Seed.....	2 oz. to 100 ft. of drill.....	3 lbs.
							Onion Sets.....	2 lbs. to 40 ft. of drill.....	8 lbs.
							Parsnip.....	2 oz. to 100 ft. of drill.....	5 lbs.
							Parsley.....	1 oz. to 50 ft. of drill.....	3 lbs.
							Pease, Garden.....	1 lb. to 40 ft. of drill.....	3 bus.
							Pepper.....	1 oz. to 1,500 plants.....	4 oz.
							Pumpkin.....	1 oz. to 25 hills.....	9 to 10 lbs.
							Radish.....	1 oz. to 100 ft. of drill.....	3 lbs.
							Squash.....	1 oz. to 25 hills.....	3 lbs.
							Tomato.....	1 oz. to 1,500 plants.....	4 oz.
							Turnip.....	1 oz. to 50 ft. of drill.....	2 lbs.
FIELD ROOTS AND RAPE				MIXTURES					
	Per acre			Timothy, 5 lbs.; Red Clover, 8 lbs.....	Per acre				
Sugar Beet.....	4	to 6 lbs.		Timothy, 5 lbs.; Alsike, 6 lbs.....	“ “				
Carrot.....	2	to 3 lbs.		Timothy, 5 lbs.; Alfalfa, 5 lbs.....	“ “				
Mangel Wurtzel, in drills.....	4	to 6 lbs.		Western Rye, 8 lbs.; Red Clover, 8 lbs.....	“ “				
Potatoes in hills or drills, cut tubers.....	10	to 14 lbs.		Western Rye, 8 lbs.; Alsike, 6 lbs.....	“ “				
Potatoes cut to single eyes.....	6	to 8 lbs.		Western Rye, 8 lbs.; Alfalfa, 6 lbs.....	“ “				
Rape, in drills.....	2	to 3 lbs.		Timothy, 3 lbs.; Western Rye, 5 lbs.; Red Clover, 8 lbs.....	“ “				
Rape, broadcast.....	4	to 6 lbs.		Timothy, 3 lbs.; Western Rye, 5 lbs.; Alsike, 6 lbs.....	“ “				
Turnip, Fall.....	1½	to 2 lbs.		Timothy, 3 lbs.; Western Rye, 5 lbs.; Red Clover, 5 lbs.....	“ “				
Turnip, Swede.....	2	to 2½ lbs.							



McKENZIE POULTRY FEEDS

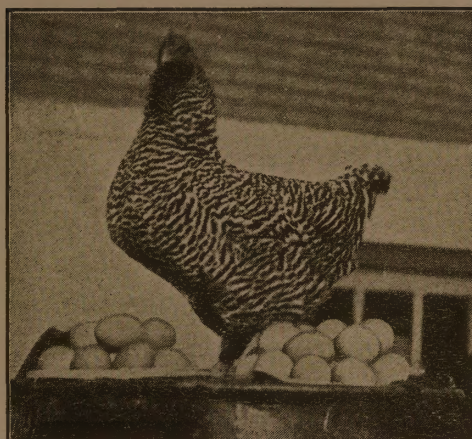
CHICK STARTER

With Dried Buttermilk

Contains all ingredients necessary for the young chick. Builds, matures and fattens, preventing bowel trouble and leg weakness. Brings them through the danger period in the best of shape.

You can keep this before the Chicks at all times in a hopper—they cannot get too much of it.

	50 lbs.	100 lbs.
BRANDON.....	\$2.35	\$4.50
MOOSE JAW.....	2.55	4.90
SASKATOON.....	2.60	5.00
CALGARY.....	2.85	5.50



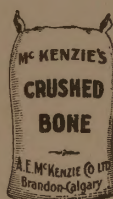
235 eggs in one year. An example of good breeding and feeding. Pullet raised at Manitoba Agricultural College.

SCRATCH FEED

A well balanced working ration, carefully prepared. Feed in a deep litter—sparingly, in the morning and enough at night so hens will go to roost with a full crop.

This feed is a big value—re-cleaned and sweet and most economical.

	100 lbs.	100 lbs.
BRANDON.....	\$2.50	SASKATOON..... \$2.85
MOOSE JAW.....	2.80	CALGARY..... 3.00



MAKE YOUR POULTRY PAY

CHICK FOOD



A well balanced ration of finely milled nourishing grains with all dust and meal cleaned out. Just the size to save waste and produce a quick and sure growth.

An ideal scratch feed for little chicks. Fed in a shallow clean litter it encourages exercise.

Our Chick Feed is convenient and will mean many more chicks brought to maturity. Include a bag with your order.

	50 lbs.	100 lbs.
BRANDON.....	\$2.25	\$4.25
MOOSE JAW.....	2.45	4.65
SASKATOON.....	2.50	4.75
CALGARY.....	2.70	5.00

LAYING MASH

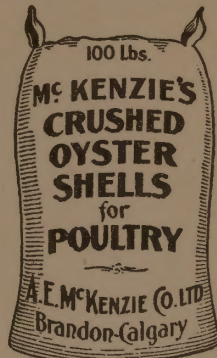
Necessary at all times for egg production. A rich, wholesome, nourishing food which will start your stock laying and will keep them at it.

Keep the hopper full all the time or can be fed as a mash.

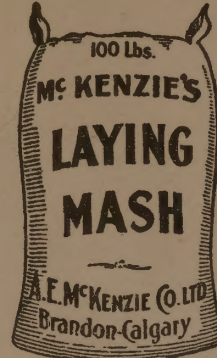
	50 lbs.	100 lbs.	50 lbs.	100 lbs.
BRANDON..	\$2.20	\$4.25	SASKATOON..	\$2.50
MOOSE JAW	2.40	4.70	CALGARY.....	2.55
				5.00



A BALANCED RATION PRODUCES THE EGGS



WHOLESONE FOOD MAKES HUSKY BIRDS



CRUSHED BONE

Of superior quality. Indispensable for laying hens. Will keep in any kind of weather.

	50 lbs.	100 lbs.	50 lbs.	100 lbs.
BRANDON...	\$2.50	\$4.75	SASKATOON...	\$2.85
MOOSE JAW	2.75	5.15	CALGARY.....	2.50
				4.75



WHOLE CORN

One of the best feeds for poultry. Should be fed regularly through the cooler weather, sparingly when the weather is warm.

	50 lbs.	100 lbs.
BRANDON.....	\$1.00	\$1.90
MOOSE JAW.....	1.25	2.30
SASKATOON.....	1.30	2.40
CALGARY.....	1.35	2.50

CRACKED CORN

More easily digested than the whole Corn. It is important that only the very best grade of corn be fed—ours is clean and sweet.

	50 lbs.	100 lbs.	50 lbs.	100 lbs.
BRANDON.....	\$1.10	\$2.10	SASKATOON...	\$1.40
MOOSE JAW....	1.35	2.40	CALGARY.....	1.50
				2.75



FINE CUT ALFALFA

Highly recommended by successful poultry men. Furnishes green feed in winter when otherwise unobtainable. Usually mixed with soft feed.

	50 lbs.	100 lbs.
BRANDON.....	\$1.90	\$3.50
MOOSE JAW.....	2.00	3.75
SASKATOON.....	2.20	3.85
CALGARY.....	1.70	3.25



CRYSTAL GRIT

Helps digest the food. This grit is flinty and clean and should be available all the time.

	100 lbs.
BRANDON.....	\$1.50
MOOSE JAW.....	2.00
SASKATOON.....	2.20
CALGARY.....	2.25



BEEF SCRAP

Has the highest feeding value yet offered. Ensures health and vigor and supplies the necessary flesh food. Our stock is clean and will keep well.

	50 lbs.	100 lbs.	50 lbs.	100 lbs.
BRANDON..	\$3.75	\$7.25	SASKATOON....	\$4.00
MOOSE JAW	3.90	7.60	CALGARY.....	3.90
				7.50

CHARCOAL

Good for bowel trouble and indigestion and acts as a purifier. Some such regulator is necessary to keep fowls in a healthy state.

	50 lbs.	100 lbs.
BRANDON.....	\$2.10	\$4.00
MOOSE JAW.....	2.30	4.50
SASKATOON.....	2.45	4.75
CALGARY.....	2.60	5.00



OYSTER SHELL

Our shell is free from dust and waste. Should be in a hopper in front of your fowl at all times. A real necessity and not expensive.

	100 lbs.		100 lbs.
BRANDON.....	\$1.80	SASKATOON.....	\$2.15
MOOSE JAW.....	2.10	CALGARY.....	2.20

The House of M^cKenzie



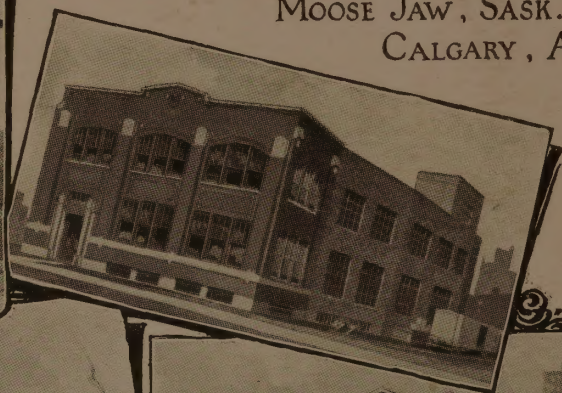
Four Warehouses *and* Shipping Centers

BRANDON, MAN. *Main Plant*

SASKATOON, SASK.

MOOSE JAW, SASK.

CALGARY, ALTA.



All Over Western Canada

McKenzie Quality Seeds

27th Annual

1923